

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 127
2. AMENDMENT/MODIFICATION NO. 0647	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. Not Applicable	5. PROJECT NO. (If applicable)
6. ISSUED BY Richland Operations Office U.S. Department of Energy Richland Operations Office P.O. Box 550, MSIN A7-80 Richland WA 99352	CODE 00601	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) MISSION SUPPORT ALLIANCE, LLC Attn: JENNIFER JAHNER POST OFFICE BOX 650 RICHLAND WA 99352		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 010605464	FACILITY CODE	x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC06-09RL14728	10B. DATED (SEE ITEM 13) 04/28/2009

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
Not Applicable

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) H.15 Key Personnel; FAR 52.222-30, FAR 52.222-41, and by mutual agreement

E. IMPORTANT: Contractor is not is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
This modification updates Section H.15, Key Personnel, Key Personnel for this Contract.

This modification updates Section J.10 Wage Determinations to incorporate the Service Contract Act WD 15-5527, Rev. 3, and the Divers WD 04-0047, Rev. 14, and the Davis-Bacon Wage Determination WA170002, dated November 17, 2017.

This modification does not add additional obligated funds to the contract as the work is incrementally funded. Accordingly, work under the Contract, such as described herein, must be performed within the amount of funds which have been allotted to the contract in accordance with Clause I.82 FAR 52.232.22 - Limitation of Funds (Apr 1984).

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) <i>Jennifer Jahner, Contracts</i>	15B. CONTRACTOR/OFFEROR <i>[Signature]</i>	15C. DATE SIGNED 11/28/17	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Timothy E. Corbett	16B. UNITED STATES OF AMERICA <i>[Signature]</i>	16C. DATE SIGNED 11/28/2017
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NAME OF OFFEROR OR CONTRACTOR
MISSION SUPPORT ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>This action does not result in a change to Contract Cost, Fee, Price, or Obligated Funds.</p> <p>By signature on this modification, the Contractor agrees to the following Contractor's Statement of Release:</p> <p>In consideration of this Modification 647, agreed to herein as complete equitable adjustment, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to this modification.</p> <p>Attachments: Attachment 1 - Changes Page Attachment 2 - Section H Conformed Attachment 3 - Section J Table of Contents Attachment 4 - Section J.10 Conformed</p> <p>There are no other changes to the terms and conditions of the contract.</p> <p>Payment: Period of Performance: 05/26/2009 to 05/25/2019</p>				

The following revisions are included with this modification:

H.15 KEY PERSONNEL

(f) Key Personnel for this Contract

<u>Name</u>	<u>Position</u>
Mr. Bill Johnson <u>Mr. Robert Wilkinson</u>	MSA President/General Manager
Mr. Robert Wilkinson <u>Ms. Amy Basche</u>	Chief Operations Officer
Mr. P. K. Brockman <u>Mr. Brian Von Barga</u>	Vice President of Site Services & Interface Management

Section J.10 Wage Determinations

Add Wage Determination 04-0047 (Rev 14)

Add Wage Determination 15-5527 (Rev 3)

Add Wage Determination WA170002 dated November 17, 2017

PART I – THE SCHEDULE

SECTION H

SPECIAL CONTRACT REQUIREMENTS

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SECTION H

SPECIAL CONTRACT REQUIREMENTS

H.1 WORKFORCE TRANSITION

(a) Incumbent Employees Hiring Preferences

The Contractor shall use the *Transition Period* to make hiring decisions and to establish the management structures necessary to conduct an employee relations program. In establishing an initial workforce, and through the first six (6) months after Contract award, the Contractor shall give a first preference in hiring for vacancies in non-managerial positions under this Contract to Incumbent Employees (as defined in paragraph (b) of the Section H Clause entitled, *Employee Compensation: Pay and Benefits*) who meet the qualifications for a particular position. This hiring preference takes priority over the hiring preference provided in the Section I Clause entitled, *DEAR 952.226-74, Displaced Employee Hiring Preference*. The hiring preference does not apply to the Contractor's hiring of management staff (i.e., first line supervisors and above).

(b) Employee Pay

The Contractor shall provide equivalent pay to employees receiving a hiring preference as compared to pay provided by the predecessor contractor for substantially equivalent duties and responsibilities for at least the first year of the term of the Contract.

H.2 EMPLOYEE COMPENSATION: PAY AND BENEFITS

(a) Background on Benefit Plans

- (1) The Hanford Site Pension Plan (HSPP) is a multi-employer pension plan which includes three (3) separate benefit structures under the Plan: two (2) for bargaining unit employees and one (1) for non-bargaining unit employees (exempt and nonexempt). The HSPP covers eligible employees of certain U.S. Department of Energy (DOE) Hanford prime contractors and subcontractors. The HSPP is managed and administered by committees composed of representatives from each of the sponsoring employers.
- (2) The Hanford Site Savings Plans (HSSPs) cover eligible employees of certain DOE Hanford prime contractors and subcontractors. The HSSPs includes three (3) separate plans: two (2) plans for bargaining unit employees and one (1) plan for non-bargaining unit employees (exempt and nonexempt). The HSSPs are managed and administered by committees composed of representatives from each of the sponsoring employers.

- (3) The Hanford Employee Welfare Trust (HEWT) is a multiple employer welfare arrangement (MEWA). Health and welfare benefits are administered under the HEWT which contains provisions for a wide range of medical and insurance benefits for eligible Hanford workers of certain DOE Hanford prime contractors and subcontractors and their beneficiaries. The HEWT is managed and administered by the HEWT Committee, which is composed of representatives from each sponsoring employer.
- (4) The Contractor is required in paragraph (m) to offer a market-based package of retirement and medical benefits to Non-Incumbent Employees (as defined in paragraph (c)). These benefit plans are referred to herein as "Market-Based Plans."
- (5) It is anticipated that Fluor Hanford, Inc. (FHI), under Contract No. DE-AC06-96RL13200, will assume responsibility for sponsorship, management, and administration of certain pension and other benefit plans that currently are maintained by Fluor Fernald, Inc. under Contract No. DE-AC24-01OH20115 (Legacy Plans).
- (6) The HSPP, HSSP and HEWT are collectively referred to herein as the "Plans" for purposes of the Section H Clauses entitled, Employee Compensation: Pay and Benefits, Post-Contract Responsibilities for Pension and Other Benefit Plans, and Incumbent Employees, Benefit Plans, and Approval for Subcontractors to participate in the Plans.

(b) Incumbent Employees for the purposes of this Contract

Based on prior employment and the terms of the HSPP, Incumbent Employees are those employees eligible to participate, or to return to and participate, in the HSPP and accrue Benefit Service as defined in the HSPP.

(c) Non-Incumbent Employees

If an employee does not meet the definition of an Incumbent Employee with respect to the HSPP, as described in paragraph (b), the employee will be considered a Non-Incumbent Employee for the purposes of this Contract.

(d) Human Resources Compensation Plan

The Contractor shall submit within 30 days of Transition start date a *Human Resources Compensation Plan* demonstrating how the Contractor will comply with the requirements of this Contract. The *Human Resources Compensation Plan* shall describe the Contractor's policies regarding compensation, pensions and other benefits, and how these policies will support at reasonable cost the effective recruitment and retention of a highly skilled, motivated, and experienced workforce.

(e) Total Compensation System

The Contractor shall develop, implement and maintain formal policies, practices and procedures to be used in the administration of its compensation system consistent with FAR 31.205-6 and DEAR 970.3102-05-6, *Compensation for Personal Services*. DOE-approved standards (e.g., set forth in an advance understanding or appendix), if any, shall be applied to the Total Compensation System. The Contractor's Total Compensation System shall be fully documented, consistently applied, and acceptable to the Contracting Officer. Costs incurred in implementing the Total Compensation System shall be consistent with the Contractor's documented *Human Resources Compensation Plan* as approved by the Contracting Officer.

(f) Reports and Information

The Contractor shall provide the Contracting Officer with the following reports and information with respect to pay and benefits provided under this Contract:

- (1) An *Annual Contractor Salary-Wage Increase Expenditure Report* to include, at a minimum, breakouts for merit, promotion, variable pay, special adjustments, and structure movements for each pay structure showing actual against approved amounts.
- (2) Within 30 days of Transition start date, a list of the top five (5) most highly compensated executives as defined in FAR 31.205-6(p)(4)(ii) and their total cash compensation at the time of Contract award, and at the time of any subsequent change to their total cash compensation. This should be the same information provided to the System for Award Management (SAM) per FAR 52.204-10.
- (3) An *Annual Compensation and Benefits Report* through iBenefits, or its successor system no later than March 1st of each year.

(g) Cash Compensation

- (1) The Contractor shall establish pay programs for employees.
- (2) The Contractor shall submit the following information to the Contracting Officer for determination of cost allowability for reimbursement for cash compensation under the Contract:
 - (i) Any proposed major compensation program design changes prior to implementation.
 - (ii) Variable pay programs/incentives. If not already authorized under an Advance Agreement, a justification shall be provided with proposed costs and impacts to budget, if any.
 - (iii) In the absence of Departmental policy, as communicated by the Contracting Officer, or other written instruction to the contrary (e.g., Secretarial pay freeze) a Contractor that meets the criteria, as set forth below, is not required to submit a Compensation Increase Plan (CIP) request to the Contracting Officer for an advance determination of cost

- allowability for a Merit Increase fund or Promotion/Adjustment fund:
- a. The Merit Increase fund does not exceed the mean percent increase included in the annual Departmental guidance providing the WorldatWork Salary Budget Survey's salary increase projected for the CIP year. The Promotion/Adjustment fund does not exceed one (1) percent in total.
 - b. The budget used for both Merit Increase funds and Promotion/Adjustment funds shall be based on the payroll for the end of the previous CIP year.
 - c. Salary structure adjustments do not exceed the mean WorldatWork structure adjustments projected for the CIP year and communicated through the annual Department CIP guidance.
 - d. Please note: No later than the first day of the CIP cycle, Contractors must provide notification to the Contracting Officer of planned increases and position to market data by mutually agreed-upon employment categories. No presumption of allowability will exist for employee job classes that exceed market position.
- (iv) If a Contractor does not meet the criteria included in (iii) above, a CIP must be submitted to the Contracting Officer for an advance determination of cost allowability. The CIP should include the following components and data:
- (1) Comparison of average pay to market average pay.
 - (2) Information regarding surveys used for comparison.
 - (3) Aging factors used for escalating survey data and supporting information.
 - (4) Projection of escalation in the market and supporting information.
 - (5) Information to support proposed structure adjustments, if any.
 - (6) Analysis to support special adjustments.
 - (7) Funding requests for each pay structure to include breakouts of merit, promotions, variable pay, special adjustments, and structure movement. (a) The proposed plan totals shall be expressed as a percentage of the payroll for the end of the previous CIP year. (b) All pay actions granted under the compensation increase plan are fully charged when they occur regardless of time of year in which the action transpires and whether the employee terminates before year end. (c) Specific payroll groups (e.g., exempt, nonexempt) for which CIP amounts are intended shall be defined by mutual agreement between the Contractor and the Contracting Officer. (d) The Contracting Officer may adjust the CIP amount after approval based on major changes in factors that significantly affect the plan amount (for example, in the event of a major reduction in force or significant ramp-up).
 - (8) A discussion of the impact of budget and business constraints on the CIP amount.
 - (9) Comparison of pay to relevant factors other than market average

pay.

- v. After receiving DOE CIP approval or if criteria in (g)(2)(iii) was met, Contractors may make minor shifts of up to 10% of approved CIP funds by employment category (e.g., Scientist/Engineer, Admin, Exempt, Non-Exempt) without obtaining approval.
 - vi. Individual compensation actions for the top Contractor official (e.g., laboratory director/plant manager or equivalent) and Key Personnel not included in the CIP. For those Key Personnel included in the CIP, DOE will approve salaries upon the initial contract award and when Key Personnel are replaced during the life of the contract. DOE will have access to all individual salary reimbursements. This access is provided for transparency; DOE will not approve individual salary actions (except as previously stated).
- (3) The Contracting Officer's approval of individual compensation actions will be required only for the top Contractor official (e.g., laboratory director/plant manager or equivalent) and Key Personnel as stated (g)(2)(vi) above. The base salary reimbursement level for the top Contractor official establishes the maximum allowable base salary reimbursement under the contract. Unusual circumstances may require a deviation for an individual on a case-by-case basis. Any such deviations must be approved by the Contracting Officer.
- (4) Subject to the Hanford Site Severance Pay Plans, severance pay is not payable to an employee under this Contract if the employee:
- (i) Voluntarily separates, resigns or retires from employment,
 - (ii) Is offered comparable employment with a successor/replacement Contractor,
 - (iii) Is offered comparable employment with a parent or affiliated company, or
 - (iv) Is discharged for cause.
- (5) Service Credit for purposes of determining severance pay does not include any period of prior service for which severance pay has been previously paid through a DOE cost reimbursement contract.
- (h) Pension and Other Benefit Programs
- (1) The Contractor shall become a sponsor of the pension and other benefit plans identified in paragraph (a), and shall be responsible for the management and administration of the Market-Based Plans and Legacy Plans identified in paragraphs (a)(4) and (5).

- (2) The Legacy Plans shall be managed and administered separately from the HSPP, HSSP, HEWT, and Market-Based Plans in a manner so as to preserve the Legacy Plans' separate and distinct identities.
- (3) Unless otherwise required by applicable law or approved by the Contracting Officer, no implementation of a benefit program and no amendment to any of the plans identified in paragraph (a) or underlying trust documents thereto shall result in allowable costs under this Contract.
- (4) No presumption of allowability will exist when the Contractor implements a new benefit plan, or makes changes to existing benefit plans, identified in paragraph (a) above, that increase costs or are contrary to Departmental policy, as communicated by the Contracting Officer, or other written instruction or until the Contracting Officer makes a determination of cost allowability for reimbursement for new or changed benefit plans. Changes shall be in accordance with and pursuant to the terms and conditions of the contract. Advance notification, rather than approval, is required for changes that do not increase costs and are not contrary to Departmental policy, as communicated by the Contracting Officer, or other written instruction.
- (5) Cost reimbursement for pension and other benefit plans identified in paragraph (a) sponsored by the Contractor will be based on the Contracting Officer's approval of Contractor actions pursuant to an approved Ben-Val and an Employee Benefits Cost Study as described below.
- (6) Unless otherwise stated, or as directed by the Contracting Officer, the Contractor shall submit the studies required in (i) and (ii) below. The studies shall be used by the Contractor in calculating the cost of benefits under existing benefit plans. An Employee Benefits Value (Ben-Val) Study Method using no less than 15 comparator organizations and an Employee Benefits Cost Survey Comparison method shall be used in this evaluation to establish an appropriate comparison method. In addition, the Contractor shall submit updated studies to the Contracting Officer for approval prior to the adoption of any change to a pension or other benefit plan which increases costs.
 - (i) Separate Ben-Val studies are required every two years for all plans identified in paragraph (a). A Ben-Val is an actuarial study of the relative value (RV) of the benefits programs offered by the Contractor measured against the RV of benefit programs offered by the Contracting Officer approved comparator companies. To the extent that the value studies do not address post retirement benefits other than pensions, the Contractor shall provide a separate cost and plan design data comparison for the post retirement benefits other than pensions using external benchmarks derived from nationally recognized and Contracting Officer approved survey sources; and
 - (ii) Separate Employee Benefits Cost Study comparisons are annually required for all plans identified in paragraph (a). An Employee Benefits Cost Study is a study which analyzes the Contractor's employee benefits

cost on a per capita per full time equivalent employee basis and as a percent of payroll and compares them with the costs reported by the U.S. Department of Labor's Bureau of Labor Statistics or other Contracting Officer approved, broad based, national survey.

- (7) When net benefit value exceeds the comparator group by more than five (5) percent (%), the Contractor shall submit a corrective action plan to the Contracting Officer for approval, unless waived in writing by the Contracting Officer.
- (8) When the average total benefit per capita cost or total benefit cost as a percent of payroll exceeds the comparator group by more than 5%, and if required by the Contracting Officer, the Contractor shall submit an analysis of the specific plan costs that are above the per capita cost range or total benefit cost as a percent of payroll and a corrective action plan to achieve conformance with a Contracting Officer directed per capita cost range or total benefit cost as a percent of payroll, unless waived in writing by the Contracting Officer.
- (9) Within two (2) years of approval of the Contractor's corrective action plan by the Contracting Officer, the Contractor shall implement corrective action plans to align employee benefit programs with the benefit value and per capita cost range or percent of payroll as approved by the Contracting Officer.
- (10) The Contractor may not terminate any benefit plan during the term of the Contract without prior approval of the Contracting Officer in writing.
- (11) Cost reimbursement for Post Retirement Benefits (PRBs) is contingent on the specific terms of the plans identified in paragraph (a), as amended. Unless required by Federal or State law, advance funding of PRBs is not allowable.
- (12) All costs of administration shall be costs of each plan individually and allocated to participating plan sponsors. Costs of administration shall be directly billed to the plans and not charged by indirect allocation.
- (13) The Contractor shall maintain a sufficient number of trained and qualified personnel to perform all of the functions of the plans.
- (14) The Contractor shall render all ordinary and normal administrative services and functions which may be reasonably required. The Contractor shall annually provide an itemization of costs incurred for plan administration for each plan to the Contracting Officer within 60 days of the end of each plan year.
- (15) The Contractor shall manage Plan assets in a prudent manner. The Contractor shall develop and submit to the Contracting Officer an Investment Policy Statement for each plan that clearly defines investment return objectives and risk tolerances, and shall perform annual pension plan Investment Performance Self-Assessments. The Contractor performance self-assessments shall address investment objectives, development of the plans to achieve investment objectives, execution of the plans, performance monitoring, and appropriate corrective action planning and execution. The Contractor shall provide the Contracting Officer with a copy of each

plan's Investment Performance Self-Assessment.

- (16) The Contractor shall comply with the Investment Policy Statements developed for the plans. Should the Contractor incur higher costs because the Contractor fails to comply with all or part of the established Investment Policy Statements provided to DOE, the additional costs incurred are unallowable.
 - (17) Each Contractor sponsoring a defined benefit pension plan and/or postretirement benefit plan will participate in the annual plan management process which includes written responses to a questionnaire regarding plan management, providing forecasted estimates of future reimbursements in connection with the plan(s) and participating in a conference call to discuss the Contractor submission (see (i)(8) below for Pension Management Plan requirements).
 - (18) Each Contractor will respond to quarterly data calls issued through iBenefits, or its successor system.
 - (19) Contractors shall submit new benefit plans and changes to plan design or funding methodology with justification to the Contracting Officer for approval, as applicable (see (h)(4) above). The justification must:
 - i. demonstrate the effect of the plan changes on the contract net benefit value or per capita benefit costs,
 - ii. provide the dollar estimate of savings or costs, and
 - iii. provide the basis of determining the estimated savings or cost.
- (i) Establishment and Maintenance of Pension Plans for which DOE Reimburses Costs
- (1) The Contractor shall comply with the requirements of ERISA if applicable to the pension plan and any other applicable laws.
 - (2) Employees working for the Contractor shall only accrue credit for service under this Contract after the date of Contract award.
 - (3) Any pension plan maintained by the Contractor, for which DOE reimburses costs, shall be maintained as a separate pension plan distinct from any other pension plan which provides credit for current service not previously paid through a DOE cost reimbursement contract.
 - (4) The following reports shall be submitted to DOE as soon as possible after the last day of the plan year by the Contractor responsible for each designated pension plan funded by DOE but no later than the dates specified below:
 - (i) Actuarial Valuation Reports. The annual actuarial valuation report for each DOE-reimbursed pension plan and when a pension plan is commingled, the Contractor shall submit separate reports for DOE's portion and the plan total by the due date for filing IRS Form 5500.
 - (ii) Forms 5500. Copies of IRS Forms 5500 with Schedules for each DOE-funded pension plan, no later than that submitted to the IRS.

- (iii) Forms 5300. Copies of all forms in the 5300 series submitted to the IRS that document the establishment, amendment, termination, spin-off, or merger of a plan submitted to the IRS.
- (5) At least sixty (60) days prior to the adoption of any changes to a pension plan, the Contractor shall submit the information required below, to the Contracting Officer. The Contracting Officer must approve plan changes that increase costs as part of a determination as to whether the costs are deemed allowable pursuant to FAR 31.205-6, as supplemented by DEAR 970.3102-05-6.
 - (1) For proposed changes to pension plans and pension plan funding, the Contractor shall provide the following to the Contracting Officer:
 - (A) a copy of the current plan document (as conformed to show all prior plan amendments), with the proposed new amendment indicated in redline/strikeout,
 - (B) an analysis of the impact of any proposed changes on actuarial accrued liabilities and costs,
 - (C) except in circumstances where the Contracting Officer indicates that it is unnecessary, a legal explanation of the proposed changes from the counsel used by the plan for purposes of compliance with all legal requirements applicable to private sector defined benefit pension plans,
 - (D) the Summary Plan Description; and
 - (E) any such additional information as requested by the Contracting Officer.
- (6) The Contractor shall not terminate any pension plan without at least 60 days notice to and the approval of the Contracting Officer prior to the scheduled date of plan termination.
- (7) Each Contractor defined benefit and defined contribution pension plan shall be subjected to a limited-scope audit annually that satisfies the requirements of ERISA section 103, except that every third year the Contractor must conduct a full-scope audit of defined benefit plan(s) satisfying ERISA section 103. Alternatively, the Contractor may conduct a full-scope audit satisfying ERISA section 103 annually. In all cases, the Contractor must submit the audit results to the Contracting Officer. In years in which a limited scope audit is conducted, the Contractor must provide the Contracting Officer with a copy of the qualified trustee or custodian's certification regarding the investment information that provides the basis for the plan sponsor to satisfy reporting requirements under ERISA section 104.

While there is no requirement to submit a full scope audit for defined contribution plans, Contractors are responsible for maintaining adequate controls for ensuring that defined contribution plan assets are correctly recorded and allocated to plan participants.

- (8) The Pension Management Plan (PMP) shall include a discussion of the

Contractor's plans for management and administration of all pension plans consistent with the terms of this contract. The PMP shall be submitted in the iBenefits system, or its successor system no later than January 31st of each applicable year. A full description of the necessary reporting will be provided in the annual management plan data request. Within sixty (60) days after the date of the submission, appropriate Contractor representatives shall be available to participate in a conference call to discuss the Contractor's PMP submission and any other current plan issues or concerns. The annual revision of the PMP shall include:

- (i) The Contractor's best projection of the contributions which it will be legally obligated to make to the pension plan(s), beginning with the required contributions for the coming fiscal year, based on the latest actuarial valuation, and continuing for the following four years. This estimate will be based upon compliance with all applicable legal requirements relating to the determination of contributions and upon the assumptions set out in the plan document(s).
- (ii) If the actuarial valuation submitted pursuant to the annual PMP update indicates that the sponsor of the pension plan must impose pension plan benefit restrictions, the Contractor shall provide the following information:
 - (aa) The type of benefit restriction that will take place,
 - (bb) The number of Contractor employees that potentially could be impacted and the nature of the restriction (e.g., financial impact) by imposition of the required benefit restriction, and
 - (cc) The amount of money that would need to be contributed to the pension plan to avoid legally required benefit restrictions.
- (iii) A detailed discussion of how the Contractor intends to manage the pension plan(s) to maximize the contribution predictability (i.e. forecasting accuracy) and contain current and future costs, to include rationale for selection of all plan assumptions that determine the required contributions and which impact the level and predictability of required contributions. The Contractor is required to annually establish a long term (e.g. five year) plan that outlines the projected retirement plan costs, and any planned action steps to be taken to better manage predictability. The Contractor must also share the following information with the Department during the meeting:
 - (aa) Strategy for achieving and maintaining fully-funded status of the plan(s)
 - (dd) Investment policy statement for the plan, with any recent updates
 - (ee) Results of recent asset liability studies (required to be performed every 3 years or after a significant event) including rationale for maintaining current asset allocation strategy

- (ff) Comparison of budget projections submitted to the Department to actual contributions
 - (gg) Any recent reports, findings, or recommendations provided by plan's investment consultant.
 - (hh) Actuarial experience studies to set the plan's actuarial assumptions (required to be performed every 3-5 years)
- (iv) An assessment to evaluate the effectiveness of the Contractor's pension plan(s) investment management/results. The assessment shall include at a minimum: a review and analysis of pension plan investment objectives; the strategies employed to achieve those objectives; the methods used to monitor execution of those strategies and the achievement of the investment objectives; and a comparative analysis of the objectives and performance of other comparable pension plans. The Contractor shall also identify its plans, if any, for revising any aspect of its pension plan management based on the results of the review.
- (9) Reimbursement of Contractors for Contributions to Defined Benefit Pension Plans
- (1) Contractors that sponsor single employer or multiple employer defined benefit pension plans will be reimbursed for the annual required minimum contributions under the Employee Retirement Income Security Act (ERISA), as amended by the Pension Protection Act (PPA) of 2006 and any subsequent amendments. Reimbursement above the annual minimum required contribution will require prior approval of the Contracting Officer. Minimum required contribution amounts will take into consideration all pre-funding balances and funding standard carryover balances. Early in the fiscal year but no later than the end of November, the Contractor requesting above the minimum may submit/update a business case for funding above the minimum if preliminary approval is needed prior to the Pension Management Plan process. The business case shall include a projection of the annual minimum required contribution and the proposed contribution above the minimum. The submission of the business case will provide the opportunity for the Department to provide preliminary approval, within 30 days after Contractor submission, pending receipt of final estimates, generally after January 1st of the calendar year. Final approval of funding will be communicated by the Contracting Officer when discount rates are finalized and it is known whether there are any budget issues with the proposed contribution amount.
 - (2) Contractors that sponsor multi-employer DB pension plans will be reimbursed for pension contributions in the amounts necessary to ensure that the plans are funded to meet the annual minimum requirement under ERISA, as amended by the PPA. However, reimbursement for pension contributions above the annual minimum contribution required under ERISA, as amended by the PPA, will require prior approval of the Contracting Officer and will be considered on a case by case basis. Reimbursement amounts will take into consideration all pre-funding

balances and funding standard carryover balances. Early in the fiscal year but no later than the end of November, the Contractor requesting above the minimum may submit/update a business case for funding above the minimum if preliminary approval is needed prior to the Pension Management Plan process. The business case shall include a projection of the annual minimum required contribution and the proposed contribution above the minimum. The submission of the business case will provide the opportunity for the Department to provide preliminary approval, within 30 days after Contractor submission, pending receipt of final estimates, generally after January 1st of the calendar year. Final approval of funding will be communicated by the Contracting Officer when discount rates are finalized and it is known whether there are any budget issues with the proposed contribution amount.

(10) Terminating Operations

When operations at a designated DOE facility are terminated and no further work is to occur under the prime contract, the following apply:

- (1) No further benefits for service shall accrue.
- (2) The Contractor shall provide a determination statement in its settlement proposal, defining and identifying all liabilities and assets attributable to the DOE contract.
- (3) The Contractor shall base its pension liabilities attributable to DOE contract work on the market value of annuities or lump sum payments or dispose of such liabilities through a competitive purchase of annuities or lump sum payouts.
- (4) Assets shall be determined using the "accrual-basis market value" on the date of termination of operations.
- (5) DOE and the Contractor(s) shall establish an effective date for spinoff or plan termination. On the same day as the Contractor notifies the IRS of the spinoff or plan termination, all plan assets assigned to a spun-off or terminating plan shall be placed in a low-risk liability matching portfolio until the successor trustee, or an insurance company, is able to assume stewardship of those assets.

(11) Terminating Plans

- (1) DOE Contractors shall not terminate any pension plan (Commingled or site specific) without requesting Departmental approval at least 60 days prior to the scheduled date of plan termination.
- (2) To the extent possible, the Contractor shall satisfy plan liabilities to plan participants by the purchase of annuities through competitive bidding on the open annuity market or lump sum payouts. The Contractor shall apply the assumptions and procedures of the Pension Benefit Guaranty Corporation.

- (3) Funds to be paid or transferred to any party as a result of settlements relating to pension plan termination or reassignment shall accrue interest from the effective date of termination or reassignment until the date of payment or transfer.
- (4) If ERISA or IRC rules prevent a full transfer of excess DOE reimbursed assets from the terminated plan, the Contractor shall pay any deficiency directly to DOE according to a schedule of payments to be negotiated by the parties.
- (5) On or before the same day as the Contractor notifies the IRS of the spinoff or plan termination, all plan assets assigned to a spun-off or terminating plan shall be placed in a low-risk liability matching portfolio until the successor trustee, or an insurance company, is able to assume stewardship of those assets.
- (6) DOE liability to a Commingled pension plan shall not exceed that portion which corresponds to DOE contract service. The DOE shall have no other liability to the plan, to the plan sponsor, or to the plan participants.
- (7) After all liabilities of the plan are satisfied, the Contractor shall return to DOE an amount equaling the asset reversion from the plan termination and any earnings which accrue on that amount because of a delay in the payment to DOE. Such amount and such earnings shall be subject to DOE audit. To effect the purposes of this paragraph, DOE and the Contractor may stipulate to a schedule of payments.

(j) Benefits for Incumbent Employees under the HSPP and HSSP

(1) HSPP

- (i) The Contractor shall allow individuals who are Incumbent Employees to accrue credit under the HSPP for service under this Contract. The Contractor shall timely supply the Plan Administrator(s) with the information required by the Administrator(s) necessary to effectively administer the Plan(s). Contributions to the HSPP as determined by the Plan Administrator shall be allowable costs under this Contract, subject to compliance with other provisions of this Contract and terms of the Plans, as amended. At Contract completion, the Contractor shall fully fund its withdrawal liability under the HSPP; provided, however, that when or if this Contract expires or terminates, the Contractor shall continue as a plan sponsor of the HSPP pursuant to the Section H Clause entitled, *Post-Contract Responsibilities for Pension and Other Benefit Plans*.
- (ii) The Contractor shall coordinate with the HSPP Administrator to ensure DOE receives an annual reporting and accounting of the Contractor's pension obligations, pursuant to Financial Accounting Standard (FAS) 87, for those employees participating in the HSPP and supply the Administrator with all the information necessary to maintain the Federal tax qualifications of all Contractor and Hanford Site pension plans.

(2) HSSP

Contributions to the HSSP shall be allowable costs under this Contract, subject to compliance with other provisions of this Contract and terms of the Plans, as amended.

(k) Benefits for Incumbent Employees under the HEWT

(1) The Contractor shall be a sponsor of the HEWT. Individuals who are Incumbent Employees for purposes of the HEWT shall be eligible to participate (in the HEWT and receive medical and other benefits under the HEWT consistent with the terms of that HEWT, as amended. The Contractor shall recognize service credited under the HEWT toward the service period required for benefits relating to vacation, sick leave, health insurance, severance, layoff, recall, and other benefits.

(2) The Contractor shall, in a timely manner, supply the HEWT Administrator with the information required by the Administrator necessary to effectively administer the HEWT. The Contractor shall coordinate with the HEWT Administrator to ensure that DOE receives copies of all annual reports, actuarial reports, and submissions of FAS 106 data, and other reports as required by the Contracting Officer, of the Contractor's benefit obligations for those employees participating in the HEWT under this Contract. Contributions to the HEWT as determined by the HEWT Administrator shall be allowable costs under this Contract, subject to compliance with other provisions of this Contract.

(l) Pension and Other Benefits for Non-Incumbent Employees

(1) The Contractor shall offer a market-based package of retirement and medical benefits competitive for the industry to individuals who are not Incumbent Employees. If the Contractor meets all applicable legal and tax requirements, the Contractor may establish a separate line of business pursuant to Internal Revenue Code (IRC) 410 and 414 for the purpose of maintaining the Federal tax qualification of pension covering the Contractor's employees.

(2) The Contractor shall ensure that DOE receives copies of all annual reports, actuarial reports, applicable FAS data, and other reports as required by the Contracting Officer for eligible employees with respect to this Contract.

(3) Any benefit programs established and/or maintained by the Contractor, for which DOE reimburses costs, shall meet the tests of allowability and reasonableness established by FAR 31.205-6 and DEAR 970.3102-05-6.

(m) Reporting for Legacy Plans

The Contractor shall ensure that DOE receives copies of all annual reports, actuarial reports, submissions of FAS 87 and 106 data, as applicable, and other reports, as required by the Contracting Officer.

H.3 POST-CONTRACT RESPONSIBILITIES FOR PENSION AND OTHER BENEFIT PLANS

- (a) If this Contract expires or terminates and the U.S. Department of Energy (DOE) has awarded a contract under which the new contractor becomes a sponsor of the Hanford Site Pension Plan (HSPP), Hanford Site Savings Plan (HSSP), Hanford Employee Welfare Trust (HEWT), Market-Based Plans and Legacy Plans as defined in paragraph (a) of the Section H Clause entitled, *Employee Compensation: Pay and Benefits*, of this Contract, and becomes responsible for management, and administration of the Market-Based Plans and Legacy Plans, the Contractor shall cooperate and transfer to the new contractor its responsibility for sponsorship, management and administration of the plans as appropriate and consistent with direction from the Contracting Officer.
- (b) If this Contract expires or terminates without a contract with a new contractor under which the new contractor becomes a sponsor of the HSPP, HSSP, HEWT, Market-Based Plans and Legacy Plans as defined in paragraph (a) of the Section H Clause entitled, *Employee Compensation: Pay and Benefits*, of this Contract, and becomes responsible for management and administration of the Market-Based Plans and Legacy Plans, or if the Contracting Officer determines that the scope of work under the Contract has been completed (any one such event may be deemed by the Contracting Officer to be "Contract Completion" for purposes of this clause), whichever is earlier, and notwithstanding any other obligations and requirements concerning expiration or termination under any other clause of this Contract, the following actions shall occur regarding the Contractor's obligations regarding all of the plans as defined in paragraph (a) of the Section H Clause entitled, *Employee Compensation: Pay and Benefits*, of this Contract at the time of Contract Completion:
- (1) Subject to subparagraph (2) below, and notwithstanding any legal obligations independent of the Contract the Contractor may have regarding responsibilities for sponsorship, management, and administration of the plans as defined in paragraph (a) of the Section H Clause entitled, *Employee Compensation: Pay and Benefits*, of this Contract, the Contractor shall remain the sponsor of the plans as defined in paragraph (a) of the Section H Clause entitled, *Employee Compensation: Pay and Benefits*, of this Contract, in accordance with applicable legal requirements.
 - (2) The parties shall exercise their best efforts to reach agreement on the Contractor's responsibilities for sponsorship, management and administration of the plans as defined in paragraph (a) of the Section H Clause entitled, *Employee Compensation: Pay and Benefits*, of this Contract prior to or at the time of Contract Completion. However, if the parties have not reached agreement on the Contractor's responsibilities for sponsorship, management and administration of the plans as defined in paragraph (a) of the Section H Clause entitled, *Employee Compensation: Pay and Benefits*, of this Contract prior to or at the time of Contract Completion, unless and until such agreement is reached, the Contractor shall comply with written direction from the Contracting Officer regarding the Contractor's responsibilities for continued provision of pension and other benefits under the plans as defined in paragraph (a) of the Section H Clause entitled, *Employee Compensation: Pay and Benefits*, of this Contract,

including but not limited to continued sponsorship of the plans as defined in paragraph (a) of the Section H Clause entitled, *Employee Compensation: Pay and Benefits*, of this Contract, in accordance with applicable legal requirements. To the extent that the Contractor incurs costs in implementing direction from the Contracting Officer, the Contractor's costs will be reimbursed pursuant to applicable Contract provisions.

H.4 NO THIRD PARTY BENEFICIARIES

This Contract is for the exclusive benefit and convenience of the parties hereto. Nothing contained herein shall be construed as granting, vesting, creating or conferring any right of action or any other right or benefit upon past, present or future employees of the Contractor, or upon any other third party. This provision is not intended to limit or impair the rights which any person may have under applicable Federal statutes.

H.5 OVERTIME CONTROL PLAN

Notwithstanding any other provision in this Contract, if the aggregate overtime premium pay as a percent (%) of base salary exceeds 2 % for non-represented employees or 10% for represented employees, the Contractor shall submit to the Contracting Officer separate annual *Overtime Control Plans* in accordance with the Section I Clause entitled, *FAR 52.222-2, Payment for Overtime Premiums*.

H.6 LABOR RELATIONS

- (a) The Contractor shall respect the right of employees to organize and to form, join, or assist labor organizations, to bargain collectively through their chosen labor representatives, to engage in other concerted activities for the purpose of collective bargaining or other mutual aid or protection, and to refrain from any or all of these activities.
- (b) The Contractor shall meet with the Contracting Officer or designee(s) for the purpose of reviewing the Contractor's bargaining objectives prior to negotiations of any collective bargaining agreement or revision there to and shall consult with and obtain the approval of the Contracting Officer regarding appropriate economic bargaining parameters, including those for pension and medical benefit costs, prior to the Contractor entering into the collective bargaining process. During the collective bargaining process, the Contractor shall notify the Contracting Officer before submitting or agreeing to any collective bargaining proposal which can be calculated to affect allowable costs under this Contract or which could involve other items of special interest to the Government. During the collective bargaining process, the Contractor shall obtain the approval of the Contracting Officer before proposing or agreeing to changes in any pension or other benefit plans.
- (c) The Contractor will seek to maintain harmonious bargaining relationships that reflect a judicious expenditure of public funds, equitable resolution of disputes and effective and efficient bargaining relationships consistent with the requirements of FAR Subpart 22.1 and DEAR Subpart 970.2201 and all applicable Federal and state labor relations laws.

- (d) The Contractor will notify the Contracting Officer or designee in a timely fashion of all labor relations issues and matters of local interest including organizing initiatives, unfair labor practice, work stoppages, picketing, labor arbitrations, and settlement agreements and will furnish such additional information as may be required by the Contracting Officer.

H.7 COLLECTIVE BARGAINING AGREEMENTS

The Contractor shall use its best efforts to ensure that collective bargaining agreements negotiated under this Contract contain provisions designed to assure continuity of services. All such agreements entered into during the Contract period of performance should provide that grievances and disputes involving the interpretation or application of the agreement will be settled without resorting to strike, lockout, or other interruption of normal operations. For this purpose, each collective bargaining agreement should provide an effective grievance procedure with arbitration as its final step, unless the parties mutually agree upon some other method of assuring continuity of operations. As part of such agreements, management and labor should agree to cooperate fully with the Federal Mediation and Conciliation Service. The Contractor shall include the substance of this Clause in any subcontracts for protective services or other services performed on the U.S. Department of Energy (DOE)-owned site which will affect the continuity of operation of the facility.

H.8 INCUMBENT EMPLOYEES, BENEFIT PLANS, AND APPROVAL FOR SUBCONTRACTORS TO PARTICIPATE IN THE PLANS

- (a) DOE and the Contractor shall agree to those subcontractors that will be subject to the requirements to provide pension and other benefits for Incumbent Employees as defined in paragraph (b) of the Section H Clause entitled, *Employee Compensation: Pay and Benefits*. The Contractor shall submit its proposed agreement to DOE no later than thirty days prior to the close of the Transition Period, as defined in the Section F Clause entitled, *Period of Performance*.

After the parties have reached agreement, as set forth above, upon those subcontractors subject to paragraph (b) of the Section H Clause entitled *Employee Compensation: Pay and Benefits*, the Contractor may propose changes to the agreement. Prior to initiating any subcontracting action (e.g., issuing a solicitation) that may require a subcontractor to offer benefits to Incumbent Employees, the Contractor shall provide the Contracting Officer with rationale to support the benefits of its proposed change. Proposed changes shall not be effective or implemented without prior written approval by the Contracting Officer. Approval of the proposed change is at the unilateral discretion of the Contracting Officer.

- (b) The Contractor shall flow down to all subcontractors that are subject to the agreement in paragraph (a) of this Clause the requirements of paragraphs (g)(3) and (4), (i), (j), (k), and (l) of the Section H Clause entitled, *Employee Compensation: Pay and Benefits*, and paragraphs (a) and (b) of the Section H clause entitled, *Post-Contract Responsibilities for Pension and Other Benefit Plans*.
- (c) For the purpose of determining allowability of costs, the Contractor shall not take any action that would result in the change of status of an Incumbent Employee with respect to Plans identified in paragraphs (a) and (b) of the Section H Clause entitled, *Employee Compensation: Pay and Benefits*, without the prior written approval of the Contracting Officer.

Subject to other subcontract review and approval requirements in this Contract, this Clause does not limit the Contractor's ability to utilize subcontractors as necessary to perform Contract requirements.

H.9 DETERMINATION OF APPROPRIATE LABOR STANDARDS

- (a) The U.S. Department of Energy (DOE) will determine the appropriate labor standards that apply to work activities in accordance with the *Davis-Bacon Act* or other applicable labor law. When requested by DOE, the Contractor shall provide the Contracting Officer the information in the form and timeframe required by DOE, as may be necessary for DOE to render a determination on Contracts in excess of \$2,000 for construction, alteration, or repair, including painting and decorating, of public buildings and public works that involve the employment of laborers and mechanics.
- (b) Once a determination is made, the Contractor is responsible for compliance with the determination and incorporation of applicable labor standard requirements into subcontracts.

H.10 IMPLEMENTATION OF THE HANFORD SITE STABILIZATION AGREEMENT

- (a) The Hanford Site Stabilization Agreement (HSSA) for all construction work for the U. S. Department of Energy (DOE) at the Hanford Site, which is referenced in this Clause, consists of a Basic Agreement dated September 10, 1984, plus Appendix A, both of which may be periodically amended. The HSSA is hereby incorporated into this Contract by reference. The Contractor is responsible for obtaining the most current text from DOE.
- (b) This Clause applies to employees performing work under Contracts (or subcontracts) administered by DOE which are subject to the *Davis-Bacon Act*, in the classifications set forth in the HSSA for work performed at the Hanford Site.
- (c) Contractors and subcontractors at all tiers who are parties to an agreement(s) for construction work with a Local Union having jurisdiction over DOE construction work performed at the Hanford Site, or who are parties to a national labor agreement for such construction work, shall become signatory to the HSSA and shall abide by all of its provisions, including its Appendix A. Subcontractors at all tiers who have subcontracts with a signatory Contractor or subcontractor shall become signatory to the HSSA and shall abide by all of its provisions, including its Appendix A.
- (d) Contractors and subcontractors at all tiers who are not signatory to the HSSA and who are not required under paragraph (c) above to become signatory to the HSSA, shall pay not less and no more than the wages, fringe benefits, and other employee compensation set forth in Appendix A thereto and shall adhere, except as otherwise directed by the Contracting Officer, to the following provisions of the Agreement:
 - (1) Article VII Employment (Section 2 only);
 - (2) Article XII Non-Signatory Contractor Requirements;
 - (3) Article XIII Hours of Work, Shifts, and Overtime;
 - (4) Article XIV Holidays;

- (5) Article XV Wage Scales and Fringe Benefits (Sections 1 and 2 only);
 - (6) Article XVII Payment of Wages-Checking In and Out (Section 3 only);
 - (7) Article XX General Working Conditions; and
 - (8) Article XXI Safety and Health.
- (e) The Contractor agrees to make no contributions in connection with this Contract to Industry Promotion Funds, or similar funds, except with the prior approval of the Contracting Officer.
- (f) The obligation of the Contractor and its subcontractors to pay fringe benefits shall be discharged by making payments required by this Contract in accordance with the provisions of the amendments to the *Davis-Bacon Act* contained in the Act of July 2, 1964 (Public Law 88-349-78 Statutes 238-239), and U.S. Department of Labor regulations in implementation thereof (Code of Federal Regulations Title 29 Parts 1 and 5).
- (g) The Contracting Officer may direct the Contractor to pay amounts for wages, fringe benefits, and other employee compensation if the HSSA, including its Appendix A, is modified by the involved parties.
- (h) In the event of failure to comply with paragraphs (c) (d) (e) (f) and (g), or failure to perform any of the obligations imposed upon the Contractor and its subcontractors hereunder, the Contracting Officer may withhold any payments due to the Contractor and may terminate the Contract for default.
- (i) The rights and remedies of the Government provided in this Clause shall not be exclusive and are in addition to any other rights and remedies of the Government provided by law or under this Contract.
- (j) The requirements of this Clause are in addition to, and shall not relieve the Contractor of, any obligation imposed by other Clauses of this Contract, including Section I Clauses entitled, *FAR 52.222-4, Contract Work Hours and Safety Standards Act—Overtime Compensation, FAR 52.222-6, Davis-Bacon Act, FAR 52.222-7, Withholding of Funds, FAR 52.222-8, Payrolls and Basic Records, FAR 52.222-10, Compliance with Copeland Act Requirements, and FAR 52.222-12, Contract Termination – Debarment.*
- (k) The Contractor agrees to maintain its bid or proposal records showing rates and amounts used for computing wages and other compensation, and its payroll and personnel records during the course of work subject to this Clause, and to preserve such records for a period of three (3) years thereafter, for all employees performing such work. Such records will contain the name and address of each such employee, his/her correct classification, rate of pay, daily and weekly number of hours worked, and dates and hours of the day within which work was performed, deductions made, and amounts for wages and other compensation covered by paragraphs (c) (d) (e) (f) and (g) hereof. The Contractor agrees to make these records available for inspection by the Contracting Officer and will permit him/her to interview employees during working hours on the job.
- (l) The Contractor agrees to insert the provisions of this Clause including this paragraph (k) in all subcontracts for the performance of work subject to the *Davis-Bacon Act*.

A copy of the *Hanford Site Stabilization Agreement* is located at:

<http://www.hanford.gov>

The U.S. Department of Labor wage determinations for the *Davis-Bacon Act* and *Service Contract Act* are located at:

<http://www.wdol.gov>

H.11 WORKFORCE RESTRUCTURING

- (a) Notwithstanding any other provision in this Contract, when the Contractor determines that a reduction of force is necessary, the Contractor shall notify the Contracting Officer in writing and seek U.S. Department of Energy (DOE) approval. The Contractor shall take no further action until receiving approval and direction by the Contracting Officer. The Contractor shall provide information as directed by the Contracting Officer related to workforce restructuring activities and to enable compliance with Section 3161 of the *National Defense Authorization Act for Fiscal Year 1993* and any other DOE guidance pertaining to employees who may be eligible for provisions of the Act. The Contractor shall comply with the *Hanford Site Workforce Restructuring Plan*, as amended, and shall supply workforce restructuring related information and reports as needed by DOE. The Contractor shall extend displaced employee hiring preference in accordance with the Section I Clause entitled, *DEAR 952.226-74, Displaced Employee Hiring Preference*.
- (b) The requirements of H.11(a) apply to the following MSA pre-selected subcontractors: Dade Moeller & Associates Hanford; HPM Corporation-MSA; RJ Lee Group Inc-MSA; PSI-Hanford, Inc; Westech International MSA LLC; Akima Hanford Services LLC; Abadan Hanford LLC; Vivid Learning Systems, Inc; Innovations Group, Inc; Test America Laboratories, Inc; Longnecker & Associates; and CSC Hanford LLC. The following pre-selected subcontractor: Lockheed Martin Services, Inc (or its successors) is excepted from the requirements of H.11(a) but is subject to the following: 1) The Contractor will provide DOE with a ten-working day advance notification for all future restructuring actions prior to announcement and/or implementation; and 2) Any costs incurred in anticipation of, or the defense of, claims associated with subcontractor layoffs including the costs of litigation, settlements, and adverse judgments, are unallowable. Notwithstanding the foregoing, severance is allowable for eligible employees in accordance with the *Hanford Site Severance Pay Plan*.

Contractors must provide actual and projected workforce reductions on an annual basis no later than March 15th of each year. The collection of Contractor workforce reduction data will be administered through the iBenefits system (<https://ibenefits.energy.gov>) for the collection of the following:

- Actual number of voluntary/involuntary separations for the prior Fiscal Year (FY); and
- Actual and projected number of voluntary/involuntary separations for the current FY. Please include any actual separations that have already occurred in the current fiscal year.

H.12 WORKERS' COMPENSATION

The Hanford Workers' Compensation Program is an administrative function that provides for the support of the Hanford Site Workers' Compensation Program under U.S. Department of Energy (DOE) State of Washington Self-Insurance. Pursuant to State of Washington Revised Code (RCW) Title 51, DOE is a group self-insurer for purposes of workers' compensation coverage. Notwithstanding any other provision in this Contract, the coverage afforded by the workers' compensation statutes shall, for performance of work under this Contract at the Hanford Site, be subject to the following:

- (a) Under the terms of a Memorandum of Understanding with the Washington State Department of Labor and Industries (L&I), DOE has agreed to perform all functions required by self-insurers in the State of Washington.
- (b) The Contractor shall take such action, and only such action, as DOE requests in connection with any accident reports, including assistance in the investigation and disposition of any claims thereunder and, subject to the direction and control of DOE, the conduct of litigation in the Contractor's own name in connection therewith.
- (c) Under RCW Title 51.32.073, DOE is the self-insurer and is responsible for making quarterly payments to the L&I. In support of this arrangement, the Contractor shall be responsible for withholding appropriate employee contributions and forwarding these contributions on a timely basis, plus the employer-matching amount to DOE.
- (d) The workers' compensation program shall operate in partnership with Contractor employee benefits, risk management, and environmental, safety, and health management programs. The Contractor shall cooperate with DOE for the management and administration of the DOE-RL self-insurance program.
- (e) The Contractor shall be responsible for all predecessor Contractor claims that fall under DOE's self-insurance. The Contractor shall maintain and retain all claim data for information and reporting needs.
- (f) The Contractor shall certify as to the accuracy of the payroll record used by DOE in establishing the self-insurance claims reserves and cooperate with any state audit.
- (g) The Contractor shall provide statutory workers' compensation coverage for staff members performing work under this Contract outside of the State of Washington and not otherwise covered by the State of Washington workers' compensation laws.
- (h) Time-loss compensation shall be paid to injured workers in accordance with the RCW § 51.08.178 and other applicable requirements. Compensation paid to workers in excess of the amounts required by statute are unallowable costs under this contract.
- (i) Workers compensation loss income benefit payments, when supplemented by other programs (such as salary continuation) are to be administered so that total benefit payments from all sources shall not exceed 100 percent of the employee's net pay.

- (j) Upon request, the Contractor shall submit to DOE, or other party as designated by DOE, payroll records as required by Washington State Workers' Compensation laws.
- (k) Upon request, the Contractor shall submit to DOE, or other party as designated by DOE, the accident reports required by RCW Title 51, Section 51.28.010, or any other documentation requested by DOE pursuant to the Washington State Workers' Compensation laws.
- (l) Upon request, the Contractor shall submit to the Contracting Officer an evaluation and analysis of workers' compensation cost as a percent of payroll compared with the percentage of payroll cost reported by a nationally recognized Cost of Risk Survey that has been pre-approved by DOE.
- (m) The Contractor shall ensure all employees receive training and have a clear understanding of the workers' compensation process.
- (n) The Contractor shall develop and maintain a web site with Workers Compensation information and ensure that the web site is made available to employees within 45 days of the close of Transition.
- (o) The Contractor shall provide additional training to claimants on the workers' compensation process when a claim is filed. This training shall include but is not limited to information regarding company contacts, approvals needed for appointments, time off, documentation requirements, etc.
- (p) The Contractor shall submit ad hoc reports and other information as required by DOE.
- (q) The Contractor shall provide briefings to DOE as requested.
- (r) For purposes of workers' compensation, all entities included in the Contractor team arrangement, as defined below, shall be covered by DOE's self-insurance certification under Washington State Department of Labor and Industries for workers' compensation:
 - (1) Contractor team arrangement means an arrangement in which –
 - (i) Two or more companies form a partnership or joint venture to act as a potential prime Contractor; or
 - (ii) A potential prime Contractor agrees with one or more other companies to have them act as its subcontractors under a specified Government contract or acquisition program.
 - (2) Any changes to the Contractor team arrangement for purposes of workers' compensation coverage shall be subject to the prior approval of the Contracting Officer.
- (s) Subcontractors not meeting the Contractor teaming arrangement definition performing work under this Contract on behalf of the Contractor are not covered by the provision of the Memorandum of Understanding referenced above.
- (t) The Contractor shall flow-down to its subcontractors the requirements to provide statutory workers compensation coverage for the subcontractors' employees. The

Contractor shall have no responsibility for subcontractor workers' compensation when it includes this requirement in the sub-contract(s).

H.13 ENERGY EMPLOYEES OCCUPATIONAL ILLNESS COMPENSATION PROGRAM ACT (EEOICPA)

The Contractor shall provide support of the EEOICPA established under Title XXXVI of the *National Defense Authorization Act of 2001* (Public Law 106-398). The Contractor shall provide records in accordance with the Section I Clause entitled, *DEAR 970.5204-3, Access to and Ownership of Records* in support of EEOICPA claims and the claim process under the EEOICPA.

The Contractor shall:

- (a) Verify employment and provide other records which contain pertinent information for compensation under the EEOICPA. The Contractor shall provide this support for itself and any named subcontractors' employees.
- (b) Provide reports as directed by the U.S. Department of Energy (DOE), such as costs associated with EEOICPA.
- (c) Provide an EEOICPA point-of-contact; this employee shall attend meetings, as requested by the U.S. Department of Energy Richland Operations Office (DOE-RL).
- (d) Locate, retrieve and provide a copy of any personnel and other program records as requested.
- (e) Perform records research needed to complete the Department of Labor (DOL) claims or to locate records needed to complete the claims or other related EEOICPA requests.
- (f) Ensure cost information is submitted to the DOE RL EEOICPA POC by the 10th of each month.
- (g) Ensure all EEOICPA claims received are completed and returned to DOE-RL within 45 calendar days of the date entered in the Federal Compensation Program Act (FCPA) electronic reporting system.

H.14 ADVANCE UNDERSTANDING ON COSTS

The U.S. Department of Energy (DOE) and the Contractor will, within 60 days after Contract award, reach advance understandings regarding certain costs under this Contract. Such advance understandings enable both DOE and the Contractor to determine the allocability, allowability, and reasonableness of such costs prior to their incurrence, thereby avoiding subsequent disallowances and disputes, and facilitating prudent expenditure of public funds. It is expected that costs covered by such advance understandings will include employee travel and relocation, and employee compensation and benefits. Generally, DOE expects the incurrence of costs to be consistent with the Contractor's corporate-wide policies consistently and uniformly applied throughout its domestic operations subject to the specific limitations, conditions, and exclusions of FAR Subpart 31.2, *Contracts with Commercial Organizations*, as supplemented by DEAR 931.2, *Contracts with Commercial Organizations*. Advance understandings will be appended to the Contract in the Section J Attachment entitled, *Advance Understanding of Costs*.

H.15 KEY PERSONNEL

(a) Introduction

Key Personnel are considered essential to the success of all work being performed under this Contract. This Clause provides specific requirements for the Key Personnel Team, requirements for changes to Key Personnel, reductions in Contract fee for changes to Key Personnel, and identification of all Key Personnel for this Contract.

(b) Key Personnel Team Requirements

All Key Persons under this Contract are collectively referred to as the Key Personnel Team. The Offeror's Key Personnel Team shall consist of, at a minimum, the position of Project Manager, the position(s) associated with management of the five functional areas (Safety, Security, and Environment; Site Infrastructure and Utilities; Site Business Management; Information Resources and Content Management; and Portfolio Management) contained in Section C, *Statement of Work* and any other persons included in paragraph (f) below. The Key Person associated with the five functional areas shall be in a direct-reporting relationship with the Project Manager. The Contracting Officer and designated Contracting Officer Representative(s) shall have direct access to the Key Personnel. In addition to the definition contained in the Section I Clause entitled, *DEAR 952.231-71, Insurance—Litigation and Claims*, Key Persons are considered managerial personnel.

(c) Definitions

- (1) For the purposes of this Clause, *Changes to Key Personnel* is defined as: (i) any change to the position assignment of a current Key Person under the Contract, except for a person who acts for short periods of time, in the place of a Key Person during his or her absence, the total time of which shall not exceed 30 working days during any given year; (ii) utilizing the services of a new substitute Key Person for assignment to the Contract; or (iii) assigning a current Key Person for work outside the Contract.

- (2) For the purposes of this Clause, *Beyond the Contractor's Control* is defined as an event for which the Contractor lacked legal authority or ability to prevent *Changes to Key Personnel*.

(d) Requirements for Changes to Key Personnel

- (1) The Contractor shall notify the Contracting Officer and request approval in writing at least 60 days in advance of any changes to Key Personnel.
- (2) The Contractor shall not make a change in Key Personnel without prior written approval of the Contracting Officer.
- (3) No Key Person position shall remain vacant for a period more than 30 days following Contracting Officer approval of a change in Key Personnel.
- (4) Approval of changes to Key Personnel is at the unilateral discretion of the Contracting Officer.

(e) Contract Fee Reductions for Changes to Key Personnel

- (1) Notwithstanding approval by the Contracting Officer, any time the Project Manager (the initial Project Manager or any substitution approved by the Contracting Officer) is changed for any reason within two (2) years of being placed in the position, *Available Fee* described in Section B, *Supplies or Services and Prices/Costs*, will be permanently reduced by \$500,000 for each and every occurrence of a change to the Project Manager. A change to the Project Manager beyond the Contractor's control shall not result in a permanent reduction of fee under this paragraph.
- (2) Notwithstanding approval by the Contracting Officer, any time a Key Person other than the Project Manager (any initial Key Person or any substitution approved by the Contracting Officer) is changed for any reason within two (2) years of being placed in the position, *Available Fee* described in Section B, *Supplies or Services and Prices/Costs*, will be permanently reduced by \$100,000 for each and every occurrence of a change to the Key Person. A change to a Key Person other than the Project Manager beyond the Contractor's control shall not result in a permanent reduction of fee under this subsection.
- (3) The Contractor may request in writing that the Contracting Officer consider waiving all or part of a reduction in Contract fee. Such written request shall include the factual basis for the request. The Contracting Officer shall have unilateral discretion to make the determination to waive or not waive all or part of a reduction in Contract fee.

(f) Key Personnel for this Contract

The list of Key Personnel for this Contract will be amended during the course of the Contract to add or delete Key Personnel as approved by the Contracting Officer. The following is the current list of Key Personnel for this Contract:

<u>Name</u>	<u>Position</u>
Mr. Robert Wilkinson	MSA President/General Manager
Ms. Amy Basche	Chief Operations Officer
Mr. Brian Von Bargaen	Vice President of Site Services & Interface Management
Mr. Craig W. Walton	Vice President of Emergency Services
Mr. Michael Wilson	Vice President of Environmental, Safety, and Health
Mr. Todd Synoground	Vice President of Public Works
Mr. Todd Eckman	Vice President of Information Management
Mr. Steve Young	Vice President of Portfolio Management

H.16 SAFETY AND SECURITY KEY PERSONNEL

(a) Introduction.

Safety and Security Key Personnel are considered integral to the success of all work being performed under this Contract. This Clause provides specific requirements for the Safety and Security Key Personnel, requirements for changes to Safety and Security Key Personnel, reduction in Contract fee for changes to Safety and Security Key Personnel, and identification of all Safety and Security Key Personnel for this Contract.

(b) Safety and Security Key Personnel Requirements.

As part of Transition, the Contractor shall provide a *Transition Plan* that includes the resumes for proposed persons to fill the positions of the Director of Safeguards and Security, Chief of Hanford Patrol, Chief of Hanford Fire, and Fire Marshal. DOE will review the proposed persons in the *Transition Plan*, and upon DOE approval of the *Transition Plan*, the proposed persons will be designated as Safety and Security Key Personnel. In addition to the definition contained in the Section I Clause entitled, *DEAR 952.231-71, Insurance—Litigation and Claims*, Safety and Security Key Personnel are considered managerial personnel. The Contracting Officer and designated Contracting Officer Representative(s) shall have direct access to the Key Personnel.

(c) Definitions

(1) For the purposes of this Clause, *Changes to Safety and Security Key Personnel* is defined as:

- (i) Any change to the position assignment of a current Safety and Security Key Person under the Contract, except for a person who acts for short periods of time, in the place of a Safety and Security Key Person during

his or her absence, the total time of which shall not exceed 30 working days during any given year;

- (ii) Utilizing the services of a new substitute Safety and Security Key Person for assignment to the Contract; or
- (iii) Assigning a current Safety and Security Key Person for work outside the Contract.

- (2) For the purposes of this Clause, *Beyond the Contractor's Control* is defined as an event for which the Contractor lacked legal authority or ability to prevent *Changes to Safety and Security Key Personnel*.

(d) Requirements for Contractor Changes to Safety and Security Key Personnel

- (1) The Contractor shall notify the Contracting Officer and request approval in writing at least 60 days in advance of any changes to Safety and Security Key Personnel.
- (2) The Contractor shall not make a change in Safety and Security Key Personnel without prior written approval of the Contracting Officer.
- (3) No Safety and Security Key Person position shall remain vacant for a period more than 30 days following Contracting Officer approval of a change in Safety and Security Key Personnel.
- (4) Approval of changes to Safety and Security Key Personnel is at the unilateral discretion of the Contracting Officer.
- (5) The requirements of this paragraph (d) do not apply to the event described in paragraph (f).

(e) Contract Fee Reductions for Changes to Safety and Security Key Personnel

- (1) Notwithstanding approval by the Contracting Officer, any time a Safety and Security Key Person (any initial Safety and Security Key Person or any substitution approved by the Contracting Officer) are changed for any reason within two (2) years of being placed in the position, *Available Fee* described in Section B, *Supplies or Services and Prices/Costs*, will be permanently reduced by \$100,000 for each and every occurrence of a change to the Safety and Security Key Person. A change to a Safety and Security Key Person beyond the Contractor's control shall not result in a permanent reduction of fee under this subsection.
- (2) The Contractor may request in writing that the Contracting Officer consider waiving all or part of a reduction in Contract fee. Such written request shall include the factual basis for the request. The Contracting Officer shall have unilateral discretion to make the determination to waive or not waive all or part of a reduction in Contract fee.

(f) Removal of Safety and Security Key Personnel

At the unilateral discretion of the U.S. Department of Energy (DOE), the Contracting Officer may direct immediate removal of any or all Safety and Security Key Personnel from their respective position(s). In event of removal, the Contractor shall immediately appoint an interim person and obtain concurrent approval by the Contracting Officer. Within six (6) months of the removal, the Contractor shall propose a new person and request written approval from the Contracting Officer.

(g) Safety and Security Key Personnel for this Contract

The list of Safety and Security Key Personnel for this Contract will be amended during the course of the Contract to add or delete Safety and Security Key Personnel as approved by the Contracting Officer. The following is the current list of Safety and Security Key Personnel for this Contract:

<u>Name</u>	<u>Position</u>
Mr. Craig W. Walton	Vice President of Emergency Services
Mr. Monty Giulio	Director of Safeguards and Security
Ms. Casey De Groof	Chief of Hanford Patrol
Mr. Norbert Kuhman	Chief of Hanford Fire
Mr. Adam Moldovan	Fire Marshal

H.17 RADIOLOGICAL SITE SERVICES AND RECORDS, AND OCCUPATIONAL MEDICINE SERVICES AND RECORDS

- (a) The Contractor shall obtain Radiological Site Services (RSS) and occupational medicine services for all Contractor and subcontractor employees performing hazardous work that may expose workers to chemical, physical (including radiological), biological, and/or similar hazards. The Contractor shall identify required RSS and occupational medicine services as required by Section C, *Statement of Work, Government-Furnished Services and Information (GFS/I)*.
- (b) RSS are obtained as specified in Contract Section J Attachment entitled, *Hanford Site Services and Interface Requirements Matrix*. RSS includes external dosimetry, internal dosimetry services, radiological instrumentation program, and radiological records services. The Section I Clauses entitled, *DEAR 952.223-75, Preservation of Individual Occupational Radiation Exposure Records* and *DEAR 970.5204-3, Access to and Ownership of Records* are implemented as follows with respect to radiological records: All radiological exposure records generated during the performance of Hanford-related activities will be maintained by the designated provider of this service listed in the Section J Attachment entitled, *Hanford Site Services and Interface Requirements Matrix* and are the property of the U.S. Department of Energy (DOE).

- (c) Occupational medicine services are provided under this Contract by the Hanford Site occupational medicine services contractor as specified in Contract Section J Attachment entitled, *Hanford Site Services and Interface Requirements Matrix*. The Section I Clause entitled, *DEAR 970.5204-3, Access to and Ownership of Records* is implemented as follows with respect to occupational medicine records: All occupational medicine records generated during the performance of Hanford-related activities will be maintained by the Hanford Site occupational medicine services provider and are the property of DOE.

H.18 STOP-WORK AND SHUTDOWN AUTHORIZATION

(a) Definitions:

Imminent Danger: Any condition or practice such that a hazard exists that could reasonably be expected to cause death, serious physical harm, or other serious hazard to employees, unless immediate actions are taken to mitigate the effects of the hazard and/or remove employees from the hazard.

Adversely Affects Safe Operation of Facility or Serious Facility Damage: A condition, situation, or activity that if not terminated or mitigated could reasonably be expected to result in: nuclear criticality; facility fire/explosion; major facility or equipment damage or loss; or, a facility evacuation response.

Stop Work Criteria:

1. Conditions exist that pose an imminent danger to the health and safety of workers or the public; or
2. Conditions exist, that if allowed to continue, could adversely affect the safe operation of, or could cause serious damage to, the facility; or
3. Conditions exist, that if allowed to continue, could result in the release from the facility to the environment of radiological or chemical effluents that exceed applicable regulatory requirements or approvals.

(b) DOE Stop Work Order.

In accordance with Section I, *Contract Clause*, I.142, DEAR 970.5223-1 *Integration of Environment, Safety, and Health into Work Planning and Execution* the DOE Contracting Officer has the ability to issue a DOE Stop Work Order stopping work in whole or in part if:

1. the contractor fails to provide resolution of any noncompliance with applicable requirements and Safety Management System or if,
2. at any time the contractor's acts or failure to act causes substantial harm or an imminent danger to the environment or health and safety of employees or the public.

In addition, a DOE Stop Work Order can be initiated if the Stop Work Criteria as defined in Section H.17 (a) is met dependent on the severity and extent of the condition.

The DOE Stop Work Order shall be executed in accordance with Section F, *Deliverables or Performance*, F.3 FAR 52.242-15, STOP-WORK ORDER

(c) DOE Stop Work Action.

DOE personnel provide safety oversight of contractor operations and have the authority to initiate a DOE Stop Work Action if the Stop Work Criteria as defined in Section H.17 (a) is met. DOE personnel have the authority to shutdown an entire facility, activity, or job. Following a DOE Stop Work Action the contractor shall:

1. immediately stop the identified activity or activities (up to and including entire plant shutdown);
2. place the area, activity, facility, etc. into a safe condition;
3. determine actions necessary to address the unsafe condition;
4. provide proposed corrective actions to the DOE initiator of the DOE Stop Work Action;
5. prior to restarting work, inform the DOE initiator that the corrective actions allowing for restart have been completed;
6. restart work only after the unsafe condition is mitigated and the DOE has given verbal direction to allow restart; and
7. if requested, provide DOE a Corrective Action Plan subsequent to the resumption of work in accordance with contractual requirements.

(d) Contractor Stop Work Action

1. The contractor shall establish a stop work process/procedure that:
 - a. meets the requirement of 10 CFR 851.20, *Management responsibilities and worker rights and responsibilities*
 - b. at a minimum uses the Stop Work Criteria defined in Section H.17 (a) for when a Contractor Stop Work Action is required; and
 - c. meets the tenets of the "Stop Work Policy."
2. Upon initiating a Contractor Stop Work Action the contractor shall:
 - a. immediately stop the identified activity or activities (up to and including entire plant shutdown);
 - b. place the area, activity, facility, etc. into a safe condition;
 - c. notify the DOE Facility Representative if the Contractor's Stop Work Action meets the Stop Work Criteria defined in Section H.17 (a), or notification of facility management is required for the issue;

- d. determine actions necessary to address the unsafe condition;
- e. restart work only after the unsafe condition is mitigated.

(e) Stop Work Policy.

The following represent the site's Stop Work Policy:

Stop Work Responsibility: Every Hanford site employee, regardless of employer, has the responsibility and authority to stop work IMMEDIATELY, without fear of reprisal, when the employee is convinced:

1. Conditions exist that pose a danger to the health and safety of workers or the public; or
2. Conditions exist, that if allowed to continue, could adversely affect the safe operation of, or could cause serious damage to, a facility; or
3. Conditions exist, that if allowed to continue, could result in the release from the facility to the environment of radiological or chemical effluents that exceed applicable regulatory requirements or approvals.

Reporting Unsafe Conditions: Employees are expected to report any activity or condition which he/she believes is unsafe. Notification should be made to the affected worker(s) and then to the supervisor or designee at the location where the activity or condition exists. Following notification, resolution of the issue resides with the responsible supervisor.

Right to a Safe Workplace: Any employee who reasonably believes that an activity or condition is unsafe is expected to stop or refuse work without fear of reprisal by management or coworkers and is entitled to have the safety concern addressed prior to participating in the work.

Stop Work Resolution: If you have a "stop work" issue that has not been resolved through established channels, immediately contact your employer's Safety Representative or your Union Safety Representative. Alternatively, you may contact the employer's Employee Concerns Program or the DOE Employee Concerns Program.

H.19 ALLOCATION OF RESPONSIBILITY AND LIABILITY FOR CONTRACTOR AND U.S. DEPARTMENT OF ENERGY (DOE) ENVIRONMENTAL COMPLIANCE ACTIVITIES

(a) In this Clause:

- (1) "Environmental" requirements means requirements imposed by applicable Federal, state, and local environmental laws and regulations, including, without limitation, statutes, ordinances, regulations, court orders, consent decrees, administrative orders, or compliance agreements including the *Hanford Federal Facility Agreement and Consent Order*, consent orders, permits, and licenses; and
- (2) "Party" means either the Contractor or DOE.

- (b) Responsibility and liability for fines or penalties arising from or related to violations of environmental requirements shall be borne by the party causing the violation regardless of which party:
 - (1) The cognizant regulatory authority fines or penalizes;
 - (2) Signs permit applications (including situations where DOE signs defective or non-conforming permit applications or other environmental submittals prepared by or under the direction of the Contractor), manifests, reports, or other required documents;
 - (3) Is a permittee; or
 - (4) Is the named subject of an enforcement action or assessment of a fine or penalty.
- (c) Consequently, if the Contractor causes a violation:
 - (1) All fines and penalties arising from or related to violations of environmental requirements are unallowable costs. If DOE pays a fine or penalty for a violation that the Contractor caused, the amount of the fine or penalty shall be due from the Contractor, and DOE may immediately offset that amount against payments to which the Contractor is otherwise entitled for allowable costs and fee, or any other funds otherwise owed by the Government to the Contractor; and
 - (2) In accordance with subsection (e) of the Section I Clause entitled, *DEAR 952.231-71, Insurance-Litigation and Claims*, costs of challenging or defending actions brought against the Contractor for violations of environmental requirements are specifically disallowed. However, if the Contracting Officer provides prior written authorization to challenge or defend against the action, the Contractor shall proceed in accordance with *DEAR 952.231-71, Insurance-Litigation and Claims*. If the Contractor proceeds with the action without the prior written authorization of the Contracting Officer, the costs of the challenge or defense may be allowable if there is no settlement, conviction, or finding of liability.

H.20 ENVIRONMENTAL RESPONSIBILITY

- (a) General. The Contractor is required to comply with all environmental laws, regulations, and procedures applicable to the work being performed under this Contract. This includes, but is not limited to, compliance with applicable Federal, State and local laws and regulations, interagency agreements such as the *Hanford Federal Facility Agreement and Consent Decree* [also known as the Tri-Party Agreement (TPA)], consent orders, consent decrees, and settlement agreements between the U. S. Department of Energy (DOE) and Federal and state regulatory agencies. For the purposes of this Contract, the TPA constitutes a requirement pursuant to which the Contractor agrees to plan and perform the Contract work.

- (b) Environmental Permits. This Clause addresses three permit scenarios, where the Contractor is the sole permittee; where the Contractor and DOE are joint permittees; and where multiple Contractors are permittees.
- (1) Contractor as Sole Permittee. To the extent permitted by law and subject to other applicable provisions of the Contract that impose responsibilities on DOE, and provisions of law that impose responsibilities on DOE or third parties, the Contractor shall be responsible for obtaining in its own name, shall sign, and shall be solely responsible for compliance with all permits, authorizations and approvals from Federal, State, and local regulatory agencies which are necessary for the performance of the work required of the Contractor under this Contract. Under this permit scenario, that Contractor shall make no commitments or set precedents that are detrimental to DOE or other contractors. The Contractor shall coordinate its permitting activities with DOE, and with other Hanford Site contractors which may be affected by the permit or precedent established therein, prior to taking the permit action.
 - (2) DOE as Permittee, or Contractor and DOE as Joint Permittees. Where appropriate, required by law, or required by applicable regulatory agencies, DOE will sign permits as permittee, or as owner or as owner/operator with the Contractor as operator or co-operator, respectively. DOE will co-sign hazardous waste permit applications as owner/operator where required by applicable law. In this scenario, the Contractor shall coordinate its actions with DOE. DOE is responsible for timely notification to the Contractor of any issues or changes in the regulatory environment that impact or may impact Contractor implementation of any permit requirement. The Contractor shall be responsible for timely notification to DOE of any issues or changes in the regulatory environment that impact or may impact Contractor implementation of any permit requirement. Notification need not be in writing.
 1. Multiple Contractors as Permittees. Where appropriate, in situations where multiple contractors are operators or co-operators of operations requiring environmental permits, DOE will sign such permits as owner or co-operator and affected contractors shall sign as operators, or co-operators. In this scenario, the Contractor shall coordinate as appropriate with DOE and other contractors affected by the permit.

- (c) Permit Applications. The Contractor shall provide to DOE for review and comment in draft form any permit applications and other regulatory materials necessary to be submitted to regulatory agencies for the purposes of obtaining a permit. In the event that the permit application is required to be co-signed, submitted by DOE, or is related to a permit in which DOE is a permittee, the Contractor shall provide the application for review and comment. Whenever reasonably possible all such materials shall be provided to DOE initially not later than 90 days prior to the date they are to be submitted to the regulatory agency. The Contractor shall normally provide final regulatory documents to DOE at least 30 days prior to the date of submittal to the regulatory agencies for DOE's final review and signature or concurrence which shall be performed by DOE in a prompt manner. Special circumstances may require permits to be submitted in a shorter time frame. The Contractor may submit for DOE's consideration, requests for alternate review, comment, or signature, schedules for environmental permit applications or other regulatory materials covered by this Clause. Any such requests shall be submitted 30 days before such material would ordinarily be required to be provided to DOE. Any such schedule revision shall be effective only upon approval from the Contracting Officer.
- (d) Financial Responsibility. DOE agrees that if bonds, insurance, or administrative fees are required as a condition for permits obtained by the Contractor under this Contract, such costs shall be allowable. In the event such costs are determined by DOE to be excessive or unreasonable, DOE will provide the regulatory agency with an acceptable form of financial responsibility. Under no circumstances shall the Contractor or its parent be required to provide any corporate resources or corporate guarantees to satisfy such regulatory requirements.
- (e) Copies, Technical Information. The Contractor shall provide DOE copies of all environmental permits, authorizations, and regulatory approvals issued to the Contractor by the regulatory agencies. DOE will, upon request, make available to the Contractor access to copies of all environmental permits, authorizations, and approvals issued by the regulatory agencies to DOE that the Contractor may need to comply with applicable law. The Contractor and DOE will provide to each other copies of all documentation, such as, letters, reports, or other such materials transmitted either to or from regulatory agencies relating to the Contract work. The Contractor and DOE shall maintain all necessary technical information required to support applications for revision of DOE or other Hanford Site Contractor environmental permits when such applications or revisions are related to the Contractor's operations. Upon request, the Contractor or DOE shall provide to the other access to all necessary and available technical information required to support applications for or revisions to permits or permit applications. The Contractor shall provide to DOE a certification statement relating to such technical information in the form required by the following paragraph.

- (f) Certifications. The Contractor shall provide a written certification statement attesting that information DOE is requested to sign was prepared in accordance with applicable requirements. The Contractor shall include the following certification statement in the submittal of such materials to DOE:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

The certification statement shall be signed by the individual authorized to sign such certification statements submitted to Federal or state regulatory agencies under the applicable regulatory program.

- (g) Fines, Penalties, Allowable Costs. The Contractor shall accept, in its own name, service of proposed notices, or notices of, correction, penalty, fine, violation, administrative orders, citation, or notice of alleged violations, (e.g., Notice of Correction [NOC], Notice of Penalty [NOP], Notice of Fine [NOF], Preliminary Notice of Violation [PNOV], Notice of Violation [NOV], and Notice of Alleged Violation [NOAV]) and any similar type notices issued by Federal or State regulators to the Contractor resulting from or relating to Contractor's performance of work under this Contract, without regard to liability. The Contractor shall immediately notify DOE of such receipt and shall provide copies or originals of such documents as soon as possible thereafter.
- (h) Negotiations. DOE may in its discretion choose to be in charge of, and direct, all negotiations with regulatory agencies regarding permits, fines, penalties, and any other proposed notice, notice, administrative order, and any similar type of notice as described in paragraph (g) above. As directed or required by DOE, the Contractor shall participate in negotiations with regulatory agencies; however, the Contractor shall not make any commitments or offers to regulators purporting to bind or binding the Government in any form or fashion, including monetary obligations, without receiving written authorization or concurrence from the Contracting Officer or his/her authorized representative prior to making such offers/commitments. Failure to obtain such advance written approval may result in otherwise allowable costs being declared unallowable and/or the Contractor being liable for any excess costs to the Government associated with or resulting from such offers/commitments.
- (i) Termination, Expiration, Permit Transfer. In the event of expiration or termination of this Contract, DOE may require the Contractor to take all necessary steps to transfer on an allowable cost basis some or all environmental permits held by the Contractor. DOE will assume responsibility for such permits, with the approval of the regulating agency, and the Contractor shall be relieved of all liability and responsibility to the extent that such liability and responsibility results from the acts or omissions of a successor Contractor, DOE, or their agents, representatives, or assigns. The Contractor shall remain liable for all unresolved costs, claims, demands, fines and penalties, including reasonable legal costs, arising prior to the date such permits are transferred to another party. The

Contractor shall not be liable for any such claims occurring after formal transfer unless said claims result from the Contractor's action or inaction that occurred prior to transfer.

- (j) Miscellaneous. The Contractor shall accept assignment or transfer of permits pertaining to matters under this Contract currently held by DOE and its existing Contractor. The Contractor may submit for DOE's consideration, requests for alternate review, comment, or signature schedules for environmental permit applications or other regulatory materials covered by this Clause. Any such schedule revision shall be effective only upon written approval from the Contracting Officer.

H.21 SELF-PERFORMED WORK

- (a) Unless otherwise approved in advance by the Contracting Officer, the percentage of work which may be self-performed by the large business(es) of the Contractor team arrangement (as described in *FAR 9.6, Contracting Team Arrangements*), shall be limited collectively to not more than 60 percent (%) of the *Total Contract Price*. This limitation does not apply to any small business member of the Contractor team arrangement. Unless otherwise approved in advance by the Contracting Officer, work to subcontractors outside of the Contractor team arrangement shall be performed through competitive procurements with an emphasis on fixed-price subcontracts.
- (b) At least 25% of the *Total Contract Price* shall be performed by small business. Small business members of the Contractor team arrangement, and subcontractors selected after Contract award, count toward fulfillment of this requirement and other small business goals in this Contract.
- (c) Reporting requirements to confirm compliance with these thresholds and limitations are described in Section C, *Statement of Work*.

H.22 EMERGENCY CLAUSE

- (a) The U.S. Department of Energy (DOE) Richland Operations Office (DOE-RL) Manager and/or the DOE Office of River Protection (DOE-ORP) Manager or designee shall have sole discretion to determine when an emergency situation exists at the Hanford Site. In the event that either the DOE-RL or DOE-ORP Manager or designee determines such an emergency exists, the applicable DOE Manager or designee will have the authority to direct any and all activities of the Contractor and subcontractors necessary to resolve the emergency situation. The applicable DOE Manager or designee may direct the activities of the Contractor and subcontractors throughout the duration of the emergency.
- (b) During declared security events, DOE-RL may assume direct command and control of the Hanford Patrol. The Chief of the Hanford Patrol shall report directly to the DOE-RL Director of Security and Emergency Services (SES) once DOE-RL has assumed command.
- (c) The Contractor shall include this Clause in all subcontracts at any tier for work performed at the Hanford Site.

H.23 FINANCIAL MANAGEMENT SYSTEM REQUIREMENTS

- (a) The Contractor shall operate and maintain a financial management system that:
- (1) Conforms with Generally Accepted Accounting Principles, Federal Financial Accounting Standards, Cost Accounting Standards, and U.S. Department of Energy (DOE) requirements;
 - (2) Provides accurate, reliable, and auditable financial and statistical data on a timely basis;
 - (3) Ensures accountability for all assets;
 - (4) Supports financial planning and budget formulation, validation, execution, and the recasting or changing of DOE funding or task codes such as budget and reporting classification (BRC) numbers, program task numbers, and local projects/tasks;
 - (5) Restricts the movement of funds between project baseline summaries (PBSs) consistent with Congressional appropriation language;
 - (6) Notifies DOE as soon as possible when potential reprogramming actions are required (e.g., movement of funds between PBSs);
 - (7) Integrates and reports the financial information for subcontractors; and
 - (8) Provides all other necessary financial reports, which shall include accumulating and reporting indirect and support costs by function. The Contractor may be requested, periodically, to provide detail cost element information at the institutional level using standard definitions and applications.
- (b) The Contractor shall provide monthly electronic files data supporting payments cleared, financing arrangement draw downs, and cost accrual and accrual reversal records to the Contracting Officer. Within the electronic submission, the Contractor shall provide data elements required to:
- (1) Determine that all costs drawn down by the Contractor were necessary and reasonable per the terms and conditions of the Contract. This includes, but is not limited to: invoice number, billing period, work breakdown structure number, purchase order number and line item, quantity/hours, description of goods or services provided, cost type, cost categories, unit price, amount, and adders.
 - (2) Properly record all Contract costs and property in the DOE accounting system (Standard Accounting and Reporting System [STARS]). This includes, but is not limited to: reporting entity, financial plan, local organization, fund-code, control program number (i.e., budget and reporting numbers), program task number, PBS numbers, the fiscal year the funds were provided, the project/task number, object class, sub-object classes, other party identifiers, and budget reference numbers for plant and equipment line item number (if applicable).

Upon request, the Contractor shall also provide written documentation to support the electronic invoices to the Contracting Officer or his/her designee.

- (c) The Contractor shall submit a plan for Contracting Officer approval of any substantive change to the financial management system or subsystems at least 60 days in advance of implementation. This plan must identify the cost and schedule for changing from the existing financial systems, and provide a comparison of the capabilities of the new system(s) to the existing system(s). Any new system modifications are subject to review and audit.
- (d) The Contractor shall provide reports at DOE direction. Some example or such reports are:
 - (1) Annual Estimated Property Valuation Report;
 - (2) Monthly Contract Funds Status Report;
 - (3) Monthly Depreciation Changes;
 - (4) Quarterly Erroneous Payment Report;
 - (5) Monthly Standard Accounting and Reporting System;
 - (6) Year-End Requirements and FY20XX Planning Requirements;
 - (7) Semi-Annual Travel Target Report; or
 - (8) Quarterly International Transactions Report.

H.24 PAYMENTS AND ADVANCES

- (a) Payment of Provisional and Incremental Fee. *Provisional and Incremental Fee* are payable following the Government's determination of *Available Fee* in accordance with the Section B Clause entitled, *Fee Structure*. *Provisional Fee* and earned *Incremental Fee* shall be made by direct payment or withdrawn from funds advanced or available under this Contract, as determined by the Contracting Officer, in accordance with the Section B Clause entitled, *Fee Determination and Payment*. The Contracting Officer may offset against any such fee payment the amounts owed to the Government by the Contractor, including any amounts owed for disallowed costs under this Contract. No *Provisional* or *Incremental Fee* may be withdrawn against the payments cleared financing arrangement without the prior written approval of the Contracting Officer.
- (b) Payments on Account of Allowable Costs. The Contracting Officer and the Contractor shall agree as to the extent to which payment for allowable costs or payments for other items specifically approved in writing by the Contracting Officer (for example, negotiated fixed amounts) shall be made from advances of Government funds. When pension contributions are paid by the Contractor to the retirement fund less frequently than quarterly, accrued costs therefore shall be excluded from costs for payment purposes until such costs are paid. If pension contributions are paid on a quarterly or more frequent basis, accrual therefore may be included in costs for payment purposes, provided that they are paid to the fund within 30 days after the close of the period covered. If payments are not made to the fund within such 30-day period, pension contribution costs shall be excluded from cost for payment purposes until payment has been made.
- (c) Special Financial Institution Account Use. All advances of Government funds shall be withdrawn pursuant to a payments cleared financing arrangement prescribed by DOE in favor of the financial institution or, at the option of the Government, shall be made by direct payment or other payment mechanism to the contractor, and shall be deposited

only in the special financial institution account referred to in the Special Financial Institution Account Agreement, which is incorporated into this Contract. No part of the funds in the Special Financial Institution Account shall be commingled with any funds of the Contractor or used for a purpose other than that of making payments for costs allowable and, if applicable, fees earned under this Contract, negotiated fixed amounts, or payments for other items specifically approved in writing by the Contracting Officer. If the Contracting Officer determines that the balance of such Special Financial Institution Account exceeds the Contractor's current needs, the Contractor shall promptly make such disposition of the excess as the Contracting Officer may direct.

- (d) Title to Funds Advanced. Title to the unexpended balance of any funds advanced and of any Special Financial Institution Account established pursuant to this Clause shall remain in the Government and be superior to any claim or lien of the financial institution of deposit or others. It is understood that an advance to the Contractor hereunder is not a loan to the Contractor, and will not require the payment of interest by the Contractor, and that the Contractor acquires no right, title or interest in or to such advance other than the right to make expenditures therefrom, as provided in this Clause.
- (e) Financial Settlement. The Government shall promptly pay to the Contractor the unpaid balance of allowable costs (or other items specifically approved in writing by the Contracting Officer) and fee upon termination of the work, expiration of the term of the Contract, or completion of the work and its acceptance by the Government after:
- (1) Compliance by the Contractor with DOE patent clearance requirements, and
 - (2) The furnishing by the Contractor of:
 - (i) An assignment of the Contractor's rights to any refunds, rebates, allowances, accounts receivable, collections accruing to the Contractor in connection with the work under this Contract, or other credits applicable to allowable costs under the Contract;
 - (ii) A closing financial statement;
 - (iii) The accounting for Government-owned property required by the Section I Clause entitled, *FAR 52.245-5, Government Property (Cost-Reimbursement, Time-and-Material, or Labor-Hour Contracts)*; and
 - (iv) A release discharging the Government, its officers, agents, and employees from all liabilities, obligations, and claims arising out of or under this contract subject only to the following exceptions:
 - (A) Specified claims in stated amounts or in estimated amounts where the amounts are not susceptible to exact statement by the Contractor;
 - (B) Claims, together with reasonable expenses incidental thereto, based upon liabilities of the Contractor to third parties arising out of the performance of this Contract; provided that such claims are not known to the Contractor on the date of the execution of the release; and provided further that the Contractor gives notice of

such claims in writing to the contracting officer promptly, but not more than one (1) year after the Contractor's right of action first accrues. In addition, the Contractor shall provide prompt notice to the Contracting Officer of all potential claims under this Clause, whether in litigation or not (see also Section I Clause entitled, *DEAR 952.231-71, Insurance – Litigation and Claims*);

- (C) Claims for reimbursement of costs (other than expenses of the Contractor by reason of any indemnification of the Government against patent liability), including reasonable expenses incidental thereto, incurred by the Contractor under the provisions of this contract relating to patents; and
 - (D) Claims recognizable under the Section I Clause entitled, *DEAR 952.250-70, Nuclear Hazards Indemnity Agreement*.
- (3) In arriving at the amount due the Contractor under this Clause, there shall be deducted,
- (i) Any claim which the Government may have against the Contractor in connection with this Contract, and
 - (ii) Deductions due under the terms of this Contract and not otherwise recovered by or credited to the Government. The unliquidated balance of the Special Financial Institution Account may be applied to the amount due and any balance shall be returned to the Government forthwith.
- (f) Claims. Claims for credit against funds advanced for payment shall be accompanied by such supporting documents and justification as the Contracting Officer shall prescribe.
- (g) Discounts. The Contractor shall take and afford the Government the advantage of all known and available cash and trade discounts, rebates, allowances, credits, salvage, and commissions unless the Contracting Officer finds that action is not in the best interest of the Government.
- (h) Collections. All collections accruing to the Contractor in connection with the work under this Contract, except for the Contractor's fee and royalties or other income accruing to the Contractor from technology transfer activities in accordance with this Contract, shall be Government property and shall be processed and accounted for in accordance with applicable requirements imposed by the Contracting Officer pursuant to Section I Clause entitled, *DEAR 970.5204-2, Laws, Regulations, and DOE Directives* and, to the extent consistent with those requirements, shall be deposited in the Special Financial Institution Account or otherwise made available for payment of allowable costs under this contract, unless otherwise directed by the Contracting Officer.
- (i) Direct Payment of Charges. The Government reserves the right, upon ten (10) days of written notice from the Contracting Officer to the Contractor, to pay directly to the persons concerned, all amounts due which otherwise would be allowable under this Contract. Any payment so made shall discharge the Government of all liability to the Contractor.

- (j) Determining Allowable Costs. The Contracting Officer shall determine allowable costs in accordance with the Federal Acquisition Regulation Subpart 31.2 and the Department of Energy Acquisition Regulation Part 931, *Contract Cost Principles and Procedures* in effect on the date of this Contract and other provisions of this Contract.
- (k) Certification and Penalties. The Contractor shall prepare and submit a "Final Indirect Rate Proposal" in accordance with Section I Clause entitled, *FAR 52.216-7, Allowable Cost and Payment/DEAR 952.216-7, Allowable Cost and Payment; Alternate II*, for the total of net expenditures incurred for the period covered by the Cost Statement. It is anticipated that this will be an annual submission unless otherwise agreed to by the Contracting Officer. The Contractor shall certify the Cost Statement subject to the penalty provisions for unallowable costs as stated in sections 306(b) and (i) of the *Federal Property and Administrative Services Act of 1949 (41 U.S.C. 256)*, as amended.

H.25 ALTERNATIVE DISPUTE RESOLUTION (ADR)

- (a) The U. S. Department of Energy (DOE) and the Contractor both recognize that methods for fair and efficient resolution of significant disputes are essential to the successful and timely achievement of critical milestones and completion of all Contract requirements. Accordingly, the parties agree to jointly select a "standing neutral." The standing neutral will be available to help resolve disputes as they arise. Such standing neutral can be an individual, a board comprised of three independent experts, or a company with specific expertise in the Contract area. If a standing neutral cannot be agreed upon, the DOE Office of Dispute Resolution will make a selection. Specific joint ADR processes shall be developed.
- (b) The parties agree the following provision may be invoked for significant disputes upon mutual agreement of the DOE and the Contractor:
 - (1) DOE and the Contractor shall use their best efforts to informally resolve any dispute, claim, question, or disagreement by consulting and negotiating with each other in good faith, recognizing their mutual interests, and attempting to reach a just and equitable solution satisfactory to both parties. If any agreement cannot be reached through informal negotiations within 30 days after the start of negotiations, then such disagreement shall be referred to the standing neutral, pursuant to the jointly-developed ADR procedures.
 - (2) The standing neutral will not render a decision, but will assist the parties in reaching a mutually satisfactory agreement. In the event the parties are unable after 30 days to reach such an agreement, either party may request, and the standing neutral will render, a non-binding advisory opinion. Such opinion shall not be admissible in evidence in any subsequent proceedings.
 - (3) If one party to this Contract requests the use of the process set forth in Paragraphs b(1) and b(2) of this Clause and the other party disagrees, the party disagreeing must express its position in writing to the other party. On any such occasion, if the party requesting the above process wishes to file a claim under the Section I Clause entitled, *FAR 52.233-1, Disputes*, it must do so within 30 days of receipt of the written position from the other party.

H.26 LITIGATION SUPPORT

As required by the Contracting Officer, the Contractor shall provide support to the Government on regulatory matters, third-party claims, and threatened or actual litigation. Support includes, but is not necessarily limited to: case preparation, document retrieval, review and reproduction, witness preparation, expert witness testimony, and assistance with discovery or other information requests responsive to any legal proceeding.

H.27 ASSIGNMENT AND ADMINISTRATION OF SUBCONTRACTS

- (a) Assignment of Subcontracts. The Government reserves the right to direct the Contractor to assign to the Government or another Contractor any subcontract awarded under this Contract, including lower-tier subcontracts. This Clause is required as a flow-down Clause in all subcontracts.
- (b) Assignment of DOE Prime Contracts. During the period of performance of this Contract it may become necessary for the U.S. Department of Energy (DOE) to transfer and assign (and Contractor agrees to accept) existing or future DOE prime contracts supporting site work to this Contract. The transfer of these prime contracts will be for administration purposes and in effect the transferred contracts will become subcontracts to this Contract. Any recommendations and/or suggestions on individual transfers shall be submitted in writing to the Contracting Officer prior to the transfer or assignment.
- (c) Administration of Subcontracts. The administration of all subcontracts entered into and/or managed by the Contractor, including responsibility for payment hereunder, shall remain with the Contractor unless assigned at the direction of the DOE.
- (d) Transfer of Subcontracts. The Contractor agrees to accept transfer of existing subcontracts as determined necessary by DOE for continuity of operations. The Contractor shall attempt to negotiate changes to the assigned subcontracts incorporating mandatory flow-down provisions at no cost. If the subcontractor refuses to accept the changes or requests price adjustments, the Contractor will notify the Contracting Officer in writing.

H.28 DISPOSITION OF INTELLECTUAL PROPERTY – FAILURE TO COMPLETE CONTRACT PERFORMANCE

The following provisions shall apply in the event the Contractor does not complete Contract performance for any reason:

- (a) Regarding technical data and other intellectual property, the U.S. Department of Energy (DOE) may take possession of all technical data, including limited rights data and data obtained from subcontractors, licensors, and licensees, necessary to complete the project, as well as the designs, operation manuals, flowcharts, software, information, etc., necessary for performance of the work, in conformance with the purpose of this Contract. Proprietary data will be protected in accordance with the limited rights data provisions of the Section I Clause entitled *DEAR 970.5227-1 Rights in Data-Facilities*. The Contractor shall ensure that its subcontractors and licensors make similar rights available to DOE and its contractors.

- (b) The Contractor agrees to and does hereby grant to the Government an irrevocable, non-exclusive, paid-up license in and to any inventions or discoveries regardless of when conceived or actually reduced to practice by the Contractor, and any other intellectual property, including technical data, which are owned or controlled by the Contractor, at any time through completion of this Contract and which are incorporated or embodied in the construction of the facilities or which are utilized in the operation or remediation of the facilities or which cover articles, materials or products manufactured at a facility: (1) to practice or to have practiced by or for the Government at the facility; and (2) to transfer such license with the transfer of that facility. The acceptance or exercise by the Government of the aforesaid rights and license shall not prevent the Government at anytime from contesting the enforceability, validity or scope of, or title to, any rights or patents or other intellectual property herein licensed.
- (c) In addition, the Contractor will take all necessary steps to assign permits, authorizations, leases, and any licenses in any third party intellectual property for operations, remediation and closure of the facilities to DOE or such other third party as DOE may designate.

H.29 PRIVACY ACT SYSTEMS OF RECORDS

- (a) The Contractor shall design, develop, or adopt the following systems of records on individuals to accomplish an agency function pursuant to the Section I Clause entitled, *FAR 52.224-2, Privacy Act*.

<u>System No.</u>	<u>Title</u>
DOE-5	Personnel Records of Former Contractor Employees
DOE-11	Emergency Locator Records
DOE-13	Payroll & Locator Records
DOE-14	Report of Compensation
DOE-15	Payroll & Pay-Related Data for Employees of Terminated Contractors
DOE-23	Richland Property System
DOE-28	General Training Records
DOE-31	Firearms Qualifications Requirements
DOE-32	Government Motor Vehicle Operator Records
DOE-33	Personnel Medical Records
DOE-35	Personnel Radiation Exposure Records
DOE-40	Contractor Employees Insurance Claims
DOE-43	Personnel Security File
DOE-47	Security Investigations
DOE-51	Employee and Visitor Access Control Records
DOE-53	Access Authorization for ADP Equipment
DOE-58	General Correspondence Files

- (b) The above list shall be revised by mutual agreement between the Contractor and the Contracting Officer as necessary to keep it current. A formal modification to the Contract is not required to incorporate these revisions; but the revisions become effective upon mutual agreement of the parties. The mutually agreed upon revisions shall have the same effect as if actually listed above for the purpose of satisfying the listing requirement contained in paragraph (a)(1) of the Section I Clause entitled, *FAR 52.224-2, Privacy Act*. The revisions will be formally incorporated per the next annual Contract update modification, unless added sooner by the Contracting Officer.

H.30 RESPONSIBLE CORPORATE OFFICIAL

The Contractor has provided a Guarantee of performance from its parent company in the form set forth in Section J Attachment entitled, *Performance Guarantee Agreement*. If the Contractor is a joint venture, newly-formed Limited Liability Company (LLC), or other similar entity where more than one company is involved in a business relationship created for the purpose of this procurement, the parent companies of all the entities forming the new entity shall all provide Guarantees, which Guarantees shall provide for joint and severable liability for the performance of the Contractor. DOE may contact, as necessary, the single responsible corporate official identified below, who is at an organizational level above the Contractor and who is accountable for the performance of the Contractor.

Name: Ms. Angela L. Heise

Position: President, Civil Group

Company/Organization: Leidos

Address: 11951 Freedom Drive, Reston VA 20190

Phone: 571-526-7556

Email: angela.l.heise@leidos.com

The Contractor shall notify the Contracting Officer in writing within 30 days of any change to the Responsible Corporate Official.

H.31 MENTOR-PROTÉGÉ PROGRAM

- (a) Both the U.S. Department of Energy (DOE) and the Small Business Administration (SBA) have established Mentor Protégé Programs to encourage Federal prime Contractors to assist small businesses, firms certified under Section 8(a) of the *Small Business Act* by the SBA, other small disadvantaged businesses, women-owned small businesses, historically black colleges and universities and minority Institutions, other minority institutions of higher learning, and small business concerns owned and controlled by service disabled veterans in enhancing its business abilities. Within 90 days of Transition start and continuing throughout the Contract period of performance, the Contractor shall mentor at least one active Protégé company through the DOE and/or SBA Mentor-Protégé Programs. Mentor and Protégé firms will develop and submit "lessons learned" evaluations to DOE at the conclusion of the Contract.

- (b) DOE Mentor-Protégé Agreements shall be in accordance with DEAR Subpart 919.70, *The Department of Energy Mentor-Protégé Program*.
- (c) SBA Mentor-Protégé Agreements shall be in accordance with applicable SBA regulations.

H.32 LOBBYING RESTRICTION (ENERGY AND WATER ACT 2006)

The Contractor agrees that none of the funds obligated on this award shall be expended, directly or indirectly, to influence Congressional action on any legislation or appropriation matters pending before Congress, other than communication to Members of Congress as described in United States Code Title 18 Part 1913, *Lobbying with Appropriated Moneys*. This restriction is in addition to those prescribed elsewhere in statute and regulation.

H.33 COUNTERINTELLIGENCE (CI) SITE SPECIFIC REQUIREMENTS

Pursuant to Executive Order 12333, *United States Intelligence Activities* and DOE procedures for intelligence activities, it is DOE policy to protect programs, resources, facilities, and personnel from intelligence collection by or on behalf of international terrorists, foreign powers, or entities and related threats through implementation of an effective, efficient Counterintelligence (CI) Program. DOE Order 475.1, *Counterintelligence Program*, reflects the current CI Program scope and requirements. These requirements are set forth locally in the Site CI Support Plan (SCSP). The local CI Program is managed and administered by the DOE Office of Intelligence and Counterintelligence, Directorate of Counterintelligence, Richland Regional Office (RLR-OCI) with the assistance of DOE organizations and contractors as identified in the SCSP. The Contractor agrees to fulfill the requirements of the SCSP.

H.34 SEPARATE CORPORATE ENTITY

The prime contractor under this Contract shall be a separate corporate entity established solely to perform Contract activities. The separate corporate entity may be a partnership or joint venture as described in FAR Subpart 9.601(1), *Contractor Team Arrangements, Definition*. Requirements for access to Key Personnel under this separate corporate entity are described in the Section H Clauses entitled, *Key Personnel* and *Safety and Security Key Personnel*.

H.35 PERFORMANCE GUARANTEE AGREEMENT

The Contractor or the Contractor's parent organization(s) has (have) provided a *Performance Guarantee Agreement* in a manner and form acceptable to the Contracting Officer assuring the performance, duties, and responsibilities of the Contractor, including repayment of unearned provisional fee, will be satisfactorily fulfilled. The *Performance Guarantee Agreement dated May 9, 2008*, is incorporated herein by reference and included as Contract Section J Attachment, entitled, *Performance Guarantee Agreement*.

H.36 WITHDRAWAL OF WORK

- (a) The Government may, at its option and during the performance of this Contract unilaterally have any of the work contemplated by Section C, *Statement of Work*, of this Contract performed by either another Contractor or to have the work performed by Government employees.

- (b) Work may be withdrawn:
 - (1) In order for the Government to conduct pilot programs;
 - (2) If the Contractor's estimated cost of the work is considered unreasonable;
 - (3) For less than satisfactory performance by the Contractor; or
 - (4) For any other reason deemed by the Contracting Officer to be in the best interests of the Government.
- (c) If the withdrawn work has been authorized under the Performance Measurement Baseline for the current year, the work shall be terminated in accordance with the procedures in the Section I Clause entitled, *FAR 52.249-6, Termination (Cost-Reimbursement)*.
- (d) If any work is withdrawn by the Contracting Officer, the Contractor agrees to fully cooperate with the new performing entity and to provide whatever support is required.

H.37 USE OF DOE FACILITIES

The Contractor may conduct programs of local community assistance to mitigate adverse impacts of closure or reconfiguration of U.S. Department of Energy (DOE) facilities. Such programs may provide for the lease or transfer of DOE property at less than fair market value in accordance with the *Hall Amendment* (Public Law 103-160, Sections 3154 and 3155). The Contracting Officer must approve, in writing, prior to any lease or transfer of DOE property under this program. Any lease or transfer of property under this program must also be approved and executed (issued) by the DOE Realty or Personal Property Officer, as appropriate.

H.38 INFORMATION

- (a) Management of Information Resources. The Contractor shall design and implement Information Resources Management (IRM) capabilities for the Hanford Site systems identified in the Section C, *Statement of Work* in accordance with the Office of Management and Budget (OMB) Circular A-130, *Management of Federal Information Resources*.
- (b) Release of Information. The Contractor shall provide timely, accurate, and complete responses to information requested by DOE to comply with *Freedom of Information Act* and *Privacy Act* requirements.
- (c) Unclassified, Controlled, Nuclear Information (UCNI). Documents originated by the Contractor or furnished by the Government to the Contractor, in connection with this Contract, may contain Unclassified, Controlled, Nuclear Information as determined pursuant to Section 148 of the *Atomic Energy Act of 1954*, as amended. The Contractor shall be responsible for protecting such information from unauthorized dissemination in accordance with DOE regulations and directives and Section I Clauses entitled,

DEAR 952.204-2, Security Requirements and DEAR 952.204-70, Classification/Declassification.

- (d) Confidentiality of Information. To the extent that the work under this Contract requires that the Contractor be given access to confidential or proprietary business, technical, or financial information belonging to the Government or other companies, the Contractor shall, after receipt thereof, treat such information as confidential and agrees not to appropriate such information to its own use or to disclose such information to third parties unless specifically authorized by the Contracting Officer in writing. The foregoing obligations, however, shall not apply to:
- (1) Information which, at the time of receipt by the Contractor, is in the public domain;
 - (2) Information which is published after receipt thereof by the Contractor or otherwise becomes part of the public domain through no fault of the Contractor;
 - (3) Information which the Contractor can demonstrate was in its possession at the time of receipt thereof and was not acquired directly or indirectly from the Government or other companies;
 - (4) Information which the Contractor can demonstrate was received by it from a third party that did not require the Contractor to hold it in confidence.

The Contractor shall obtain the written agreement, in a form satisfactory to the Contracting Officer, of each employee permitted access to such information, whereby the employee agrees that he/she will not discuss, divulge or disclose any such information or data to any person or entity except those persons within the Contractor's organization directly concerned with the performance of the Contract.

The Contractor agrees, if requested by the Government, to sign an agreement identical, in all material respects, to the provisions of this subparagraph (d), with each company supplying information to the Contractor under this Contract, and to supply a copy of such agreement to the Contracting Officer. Upon request from the Contracting Officer, the Contractor shall supply the Government with reports itemizing information received as confidential or proprietary and setting forth the company or companies from which the Contractor received such information.

The Contractor agrees that upon request by DOE, it will execute a DOE-approved agreement with any party whose facilities or proprietary data it is given access to or is furnished, restricting use and disclosure of the data or the information obtained from the facilities. Upon request by DOE, such an agreement shall also be signed by Contractor personnel.

- (e) The Government reserves the right to require the Contractor to include this Clause or a modified version of this Clause in any subcontract as directed in writing by the Contracting Officer.

H.39 PARENT ORGANIZATION SUPPORT

- (a) For on-site work, U.S. Department of Energy (DOE) fee generally provides adequate compensation for parent organization expenses incurred in the general management of this Contract. The general construct of this Contract results in minimal parent organization investment (in terms of its own resources, such as labor, material, overhead, etc.) in the Contract work. The Contract is largely financed by DOE advance payments, and DOE provides government-owned facilities, property, and other needed resources.

Accordingly, allocations of parent organization expenses are unallowable for the prime contractor, major subcontractors, and/or teaming partners, unless authorized by the Contracting Officer in accordance with this Clause.

- (b) The Contractor may propose, or DOE may require, parent organization support to:
- (1) Monitor safety and performance in the execution of Contract requirements;
 - (2) Ensure achievement of Contract environmental clean-up and closure commitments;
 - (3) Sustain excellence of Contract Key Personnel;
 - (4) Ensure effective internal processes and controls for disciplined Contract execution;
 - (5) Assess Contract performance and apply parent organization problem-solving resources on problem areas; and
 - (6) Provide other parent organization capabilities to facilitate Contract performance.
- (c) The Contracting Officer may, at its unilateral discretion, authorize parent organization support, and the corresponding indirect or direct costs, if a direct-benefiting relationship to DOE is demonstrated. All parent organization support shall be authorized in advance by the Contracting Officer.
- (d) If parent organization support is proposed by the Contractor or required by DOE, the Contractor shall submit for DOE review and approval, an annual *Parent Organization Support Plan* (POSP). The Contractor shall submit its initial POSP 60 days prior to: (1) the end of the Contract *Transition Period*; or (2) the commencement date of parent organization support proposed by the Contractor or required by the Government. Any subsequent POSP shall be submitted 90 days prior to the start of each year of Contract performance.

H.40 RESERVED

H.41 ELECTRONIC SUBCONTRACTING REPORTING SYSTEM (eSRS)

The requirement for the submittal of paper versions of the Standard Form (SF) 294, *Subcontracting Reports for Individual Contracts*, and SF 295, *Summary Subcontract Reports*, as provided in Section I Clause entitled, FAR 52.219-9, *Small Business Subcontracting Plan -- Alternate II* is hereby deleted and is replaced with the electronic submittal of data under the Electronic Subcontract Reporting System (eSRS).

The Offeror's *Subcontracting Plan* shall include assurances that the Offeror will:

- (a) Submit the Individual Subcontracting Reports and Summary Subcontracting Reports under the eSRS, and
- (b) Ensure that its subcontractors agree to submit Individual Subcontracting Reports and Summary Subcontracting Reports at all tiers, in eSRS.

The Contractor or subcontractor shall provide such information that will allow applicable lower tier subcontractors to fully comply with the statutory requirements of FAR 19.702, *The Small Business Subcontracting Program, Statutory Requirements*.

H.42 HANFORD SITE RECREATION POLICY

The Contractor shall comply with the Hanford Site Recreation Policy. The Contractor shall flow-down applicable requirements of this Clause to any subcontractors.

H.43 ORGANIZATIONAL CONFLICT OF INTEREST BETWEEN HANFORD SITE CONTRACTS

Performance of the Mission Support Contract (MSC) will be limited throughout the Contract period of performance to a Contractor that is not concurrently performing the River Corridor Closure Contract (RCCC), Waste Treatment and Immobilization Plant (WTP) contract, Plateau Remediation Contract (PRC), and Tank Operations Contract (TOC).

This Contract limitation applies to any teaming member(s) as described in FAR Subpart 9.6, *Contractor Team Arrangements* pre-selected subcontractor(s), parent companies or affiliates of the teaming member(s), or pre-selected contractor(s), concurrently performing the RCCC, WTP contract, PRC, or TOC.

This Contract requirement may be waived at the unilateral discretion of an individual with delegated authority, but at no lower level than the Head of Contracting Activity, as described in FAR Subpart 9.5, *Organizational and Consultant Conflicts of Interest*.

Upon submission of a conflict of interest mitigation plan to the Contracting Officer, the Contracting Officer shall consider the extent to which the conflict has been sufficiently mitigated and issue appropriate direction.

H.44 HANFORD SITE SERVICES AND INTERFACE REQUIREMENTS MATRIX

(a) Definition

The Contractor may provide services to or receive services from other Hanford Site U.S. Department of Energy (DOE) prime contractors in performance of the scope of this Contract. The purpose of the Section J Attachment entitled, *Hanford Site Services and Interface Requirements Matrix* (Matrix) is to identify the service provider and the associated, general interface obligations. The Matrix is not an all-inclusive listing of services that may be required or provided, however all services provided to another contractor shall fall within the scope of the provider's contract.

(b) Categories of Services

Services are identified in each Contract (see Section J Attachment entitled, *Hanford Site Services and Interface Requirements Matrix*) as either "Mandatory," or "Optional" for use by Hanford Site customers, including DOE and/or Site contractors and their subcontractors.

- (1) "Mandatory" services are provided by the identified service provider to all users at the start of contract performance. If, for any reason, a service provider of a mandatory service cannot provide the required service to meet the requesting contractors' needs, the requesting contractor must obtain Contracting Officer approval, prior to obtaining the services from any other source.
- (2) "Optional" services are services that have been historically discretionary and are considered non-compulsory at the time of Contract award.

(c) Interfaces

All "Information" interfaces (see Section J Attachment entitled, *Hanford Site Services and Interface Requirements Matrix*) are Mandatory.

(d) Requirement to Establish Controls

As set forth in the Section C, *Statement of Work* section entitled, *Interface Management*, the Mission Support Contractor (MSC) shall develop, in conjunction with the Tank Operations Contractor (TOC) and Plateau Remediation Contractor (PRC), the *Hanford Site Interface Management Plan*. As part of this Plan, the Contractors shall include controlling agreements (e.g., Memoranda of Agreement) establishing effective control of interfaces and terms for the provision of services. At a minimum, controlling agreements shall define:

- (1) The interface and/or the services work request elements, and service levels (quantity and delivery rates);
- (2) If applicable, the method and timing for charging costs associated with the service and the payment methods; and target performance measures for meeting required service levels;
- (3) Decision process and a rigorous dispute resolution process; and
- (4) Clear delineation of roles, responsibilities, accountabilities, and authorities.

(e) Controls

When services between prime contractors are offered and accepted, DOE does not expect the requesting prime contractor to review or otherwise validate top-level cross-cutting quality control, health, safety and/or environmental protection requirements mandated by the performing contractor's contract. The requesting prime contractor may assume that such contract requirements, e.g., Integrated Safety Management System, Quality Program/Plan are acceptable to DOE. The performing contractor shall be expected by DOE and the requesting Contractor to provide products or services in a manner that is consistent with the requirements of the performing prime contractor's contract, including quality assurance, health and safety and environmental compliance requirements, and the task instructions provided by the requesting contractor.

(f) Right of Access

Hanford Site Contractors shall, with coordination and adequate preparation, allow service-providing Contractors access to facilities to perform the service.

(g) Nuclear Safety

The Contractor shall establish a protocol with each Hanford Site contractor identified in the Section J Attachment entitled, *Hanford Site Service and Interface Requirements Matrix*; this protocol shall establish the basis to perform MSC work scope within a nuclear facility, or perform work scope that affects the safety basis of a nuclear facility, that is operated by the Hanford Site contractor with responsibility for the nuclear facility. The protocol shall describe the general scope of work to be performed, flow down of nuclear safety requirements, and implementing processes/procedures for DOE approval prior to transition. The protocol shall be signed by the MSC and concurred in by the other affected contractor. Any new or future protocols or updates will be submitted to and approved by DOE. The protocol will be recognized as part of the ISMS Description. The Contractor shall comply with all facility safety authorization basis and nuclear safety requirements that are established by the Hanford Site contractor responsible for the nuclear facility. The Contractor shall flow down to each subcontractor (in accordance with the Section I Clause entitled, DEAR 970.5223-1, *Integration of Environment, Safety and Health Into Work Planning and Execution*), the protocol to comply with all facility safety authorization basis and nuclear safety requirements that are established by the contractor responsible for the nuclear facility.

(h) Updates to the Matrix

In cooperation with PRC and TOC, the MSC shall annually update the Matrix and provide it to DOE through the annual *Infrastructure and Services Alignment Plan* (ISAP) revision and Matrix update process. MSC shall solicit input from Hanford Site contractors/users for the ISAP, including projection of need for services and proposed performance metrics/controlling agreements for the service provider. Other Hanford Site contractors/users are included to inform MSC/PRC/TOC of their complete obligation. The Matrix updates shall be signed, showing concurrence, by MSC, PRC, and TOC.

If any Hanford Site contractor believes it is in DOE's best interest to change a "Mandatory" service to "Optional" so that it may be self-performed by the requestor or procured from a different source, the Contractor shall propose this change through the annual ISAP revision and Matrix update process. A written justification shall be provided showing how the change is in the best interest of the Government and include the impacts to users and the provider. If, at the unilateral discretion of the Contracting Officer, the decision is made to implement the proposed change, the change will not take affect until the Contractor receives Contracting Officer direction to implement the change. Contracting Officer rejection or delay of a proposed change shall not be the basis for a Request for Equitable Adjustment (REA) or subject to the Section I Clause entitled, *FAR 52.233-1, Disputes*.

(i) Payment of Services

Fee-for-Service providers shall provide to DOE and make available to the user an adequate basis for liquidation of the charge for usage-based, "Mandatory" services. Service rates will be developed based upon customer-projected usage.

(j) Responsibility for Delivery of Service

Contractors retain the responsibility to reach agreement on interfaces and for the appropriate delivery of services. The Government makes no guarantees or warranties regarding the delivery of services, and services between contractors shall not constitute government-furnished services or government-furnished information. The Government shall not be held responsible for the delivery or non-delivery of services between Hanford Site contractors. Contractors shall attempt to resolve any disputes regarding service interfaces and the provision of services among themselves. If contractors are unable to achieve a timely resolution of issues between themselves regarding interfaces or the appropriate delivery of services, contractors may seek direction from the Contracting Officer. To the extent contractors attempt to litigate disputes between themselves regarding interfaces or the appropriate delivery of services, all costs associated with such litigation shall be unallowable under this Contract.

H.45 RESERVED

H.46 CONTRACTOR INVESTMENT COMMITMENTS

The contractor agrees to invest \$11,000,000 over the pre-award phase and ten-year contract period of performance in the projects identified in the table (Figure 1-1) in this clause at no cost to DOE-RL. The time phasing of the investments is subject to the requirements of each project, and the cost shall be incurred as required to complete each project. DOE-RL recognizes that changes may occur during the course of the contract that may require the reallocation of funding among individual projects, but the Contractor shall incur the cost for these projects. The Contractor shall provide annual reports of activities and actual costs incurred against the planned expenditure for each project to the Contracting Officer.

Figure 1-1, which is incorporated into this contract, is the list of investment projects identified by the Contractor in its proposal dated July 16, 2007, and which have not been identified elsewhere in this contract as a contractual requirement. The Contractor is committed to meet the stated objectives as part of contract compliance, subject to the \$11M investment ceiling. The extent to which the Contractor is able to achieve success in the execution and completion of the investment projects

shall be considered by DOE in any determination to exercise the Options provided for in Section B of this contract. DOE is authorized to off-set the value of any incomplete investment projects for which the Contractor does not spend its obligated amount from otherwise payable cost and fee in the event of non-delivery. If funds remain available during the term of the contract, the Contractor may identify and recommend additional investment projects. Selection of investment projects will be based on the potential benefits to the Hanford mission and priorities, and in consultation with DOE.

MSA Investment Commitments	Benefit	Estimated Timeframe	Estimated Value
PRE-AWARD, JUMP START			
We conduct pre-award Jump Start activities to plan and develop key enablers and tools, finalize the Transition Plan, and prepare early draft plan deliverables.	Accelerated, seamless Transition and Contract Start at minimal-risk.	<i>Pre-Award</i>	\$1.0M
MSC PROJECT LIFE CYCLE INVESTMENTS			
We implement Voice Over Internet Protocol (VoIP) combining telephone and network systems providing cost savings through the life of the contract.	DOE saves \$35 million dollars over the life of the contract, avoids capital costs, with improved performance and efficiency.	Base Period	\$2.0M
We deploy the Mission Support Integration Center (MSIC) , a modern, fully digital, decision support center for MSC planning, scheduling, and monitoring as well as support for quick reaction Portfolio Management activities where a separate facility is required.	Central Integration Point for DOE, MSC, and Site customers/stakeholders to facilitate planning and control of project activities and resolve issues real time. Provides modern systems and tools to optimize problem setup and DOE decision making.	Base Period	\$1.0M
We invest in college internships, scholarships , and building local science and technology educational programs with local K-12 and colleges.	Investment in the future workforce and economic diversification of the economy while providing valuable experience in related fields.	Base Period 1st Option Period 2nd Option Period	\$1.0M
We fund HAMMER business development resources to attract additional customer contracts to the facility	Reduces dependency on EM funding – HAMMER becomes self-sustaining.	Base Period 1st Option Period 2nd Option Period	\$0.6M
We implement and deploy a Mission Optimization Center during Transition.	Proving ground for re-engineering business processes, evaluating innovative ideas, building and pilot testing proof-of-concepts, and supporting training activities.	Base Period	\$0.5M
We offer jobs for qualified displaced workers with our parent companies.	Provides soft landing for displaced workers and promotes goodwill in the local communities.	Base Period	\$0.5M
We provide access to parent company training programs such as LM21 Operating Excellence and conduct Kaizen/Six Sigma (continuous improvement) events and training for Site contractors and DOE.	Staff Development provides additional opportunities for MSC operational efficiencies and offers MSA Best Practices for Site contractors and DOE; tangible benefits to the Site in productivity, cost savings, or cost avoidance.	Base Period 1st Option Period 2nd Option Period	\$0.5M
We deploy a single integrated state-of-the-art Mission Service Desk for centralized 24x7x365 support to Site contractors and DOE for customer calls and electronic requests.	Provides a single support desk for MSC services to improve response times, measure time to resolution, and track all services at a lower cost of operations.	Base Period	\$0.4M
We install portable HAMMER classrooms to support Site-wide Mobile Training Teams that provide training resources at Site contractor locations.	Extends HAMMER resources into the Site meeting training needs where and when required, lowers training costs, and promotes worker safety.	Base Period	\$0.2M
We modernize Emergency Operations Center technology .	Improve the technology of the EOC without capital or operating expenses to DOE.	Base Period	\$0.2M

MSA Investment Commitments	Benefit	Estimated Timeframe	Estimated Value
PRE-AWARD, JUMP START			
We make <i>WSI's Senior Fire Chief</i> available to work on <i>safety planning for SNM transport</i> .	Subject Matter Expert available for 18 months to assist in reducing risk during SNM transport.	Base Period	\$0.1M
<i>DISCRETIONARY RESERVE</i> – to be defined by MSA and approved by LLC Members Committee over the life of the contract.	Allocated in collaboration between DOE and MSA to address new initiatives/technologies that improve efficiency/performance, and/or reduce cost.	Base Period 1 st Option Period 2nd Option Period	\$3.0M
TOTAL MSA INVESTMENT			\$11.0M

H.47 SPECIAL PROVISIONS RELATING TO WORK FUNDED UNDER AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 (Feb 2009)

Preamble:

The ARRA terms and conditions in this contract will apply only to work performed with ARRA funds received from other site prime contractors through service agreements. All reporting requirements identified shall be reported through prime contractors, and not directly to DOE-RL.

Work performed under this contract will be funded, in whole or in part, with funds appropriated by the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, (Recovery Act or Act). The Recovery Act's purposes are to stimulate the economy and to create and retain jobs. The Act gives preference to activities that can be started and completed expeditiously, including a goal of using at least 50 percent of the funds made available by it for activities that can be initiated not later than June 17, 2009.

Contractors should begin planning activities for their first tier subcontractors, including obtaining a DUNS number (or updating the existing DUNS record), and registering with the Central Contractor Registration (CCR).

Be advised that Recovery Act funds can be used in conjunction with other funding as necessary to complete projects, but tracking and reporting must be separate to meet the reporting requirements of the Recovery Act and related Guidance. For projects funded by sources other than the Recovery Act, Contractors should plan to keep separate records for Recovery Act funds and to ensure those records comply with the requirements of the Act.

The Government has not fully developed the implementing instructions of the Recovery Act, particularly concerning the how and where for the new reporting requirements. The Contractor will be provided these details as they become available. The Contractor must comply with all requirements of the Act. If the contractor believes there is any inconsistency between Recovery Act requirements and current contract requirements, the issues will be referred to the Contracting Officer for reconciliation.

Be advised that special provisions may apply to projects funded by the Act relating to:

- Reporting, tracking and segregation of incurred costs;
- Reporting on job creation and preservation;
- Publication of information on the Internet;
- Protecting whistleblowers; and
- Requiring prompt referral of evidence of a false claim to the Inspector General.

Definitions:

For purposes of this clause, "Covered Funds" means funds expended or obligated from appropriations under the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5. Covered Funds will have special accounting codes and will be identified as Recovery Act funds in the contract and/or modification using Recovery Act funds. Covered Funds must be reimbursed by September 30, 2015.

Non-Federal employer means any employer with respect to Covered Funds – the contractor or subcontractor, as the case may be, if the contractor or subcontractor is an employer; and any professional membership organization, certification of other professional body, any agent or licensee of the Federal government, or any person acting directly or indirectly in the interest of an employer receiving Covered Funds; or with respect to Covered Funds received by a State or local government, the State or local government receiving the funds and any contractor or subcontractor receiving the funds and any contractor or subcontractor of the State or local government; and does not mean any department, agency, or other entity of the federal government.

(a) Flow Down Provision

This clause must be included in every first-tier subcontract. The contractor shall also flow down requirements to any site service provider required to provide services to support Recovery Act work through appropriate controlling agreements, as described in clause H.44, *Hanford Site Services and Interface Requirements Matrix*.

(b) Segregation and Payment of Costs

Contractor must segregate the obligations and expenditures related to funding under the Recovery Act. Financial and accounting systems should be revised as necessary to segregate, track and maintain these funds apart and separate from other revenue streams. No part of the funds from the Recovery Act shall be commingled with any other funds or used for a purpose other than that of making payments for costs allowable for Recovery Act projects. Where Recovery Act funds are authorized to be used in conjunction with other funding to complete projects, tracking and reporting must be separate from the original funding source to meet the reporting requirements of the Recovery Act and OMB Guidance.

(c) Prohibition on Use of Funds

None of the funds provided under this agreement derived from the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, may be for any casino or other gambling establishment, aquarium, zoo, golf course, or swimming pool.

(d) Wage Rates

All laborers and mechanics employed by contractors and subcontractors on projects funded directly by or assisted in whole or in part by and through the Federal Government pursuant to the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with subchapter IV of

chapter 31 of title 40, United States Code. With respect to the labor standards specified in this section, the Secretary of Labor shall have the authority and functions set forth in Reorganization Plan numbered 14 of 1950 (64 Stat. 1267, 5 U.S.C. App.) and section 3145 of title 40 United States Code. See <http://www.dol.gov/esa/whd/contracts/dbra.htm>.

(e) Publication

Information about this agreement will be published on the Internet and linked to the website www.recovery.gov, maintained by the Accountability and Transparency Board (the Board). The Board may exclude posting contractual or other information on the website on a case-by-case basis when necessary to protect national security or to protect information that is not subject to disclosure under sections 552 and 552a of title 5, United States Code.

(f) Registration requirements

Contractor shall ensure that all first-tier subcontractors, as required in accordance with the Section I clause entitled FAR 52.204-11, American Recovery and Reinvestment Act – Reporting Requirements (MAR 2009), have a DUNS number and are registered in the Central Contractor Registration (CCR) no later than the date the first report is due under the clause.

(g) Utilization of Small Business

Contractor shall to the maximum extent practicable give a preference to small business in the award of subcontracts for projects funded by Recovery Act dollars.

H.48 RESERVED

H.49 EMERGENCY PROCEDURES

This Clause supplements the "DOE-RL Emergency Plan Implementing Procedure", DOE-0223, by clarifying the process for implementation of proposed changes listed in Section 3.20, Subsection 5.0 of this document. DOE-0223 is managed by the RL Security and Emergency Services organization. When updates to the Procedure need to be made, the Emergency Preparedness points of contact from each represented company are provided drafts for review and are required to consult with the appropriate contractor staff in their respective organization to determine impacts to contractual requirements (e.g., work scope, cost, schedule). If there are impacts, the contractor will immediately contact the RL contracting officer for direction."

H.50 TRANSFORMATIONAL ENERGY ACTION MANAGEMENT (TEAM) INITIATIVE

In support of the goals of the Department of Energy's Transformational Energy Action Management (TEAM) initiative, and the goals and objectives contained in Executive Order 13423, Strengthening Federal Environmental, Energy, and Transportation Management, the Contractor shall provide full and open access to the maximum extent practicable to DOE contracted Energy Service Companies (ESCOs) under Energy Savings Performance Contracts (ESPCs), facilitate on-site assessments of opportunities to improve the Site's energy efficiency, water reduction and renewable energy improvements, and shall provide assistance in reviewing ESCO recommendations. The Contractor shall define requirements necessary to be placed in

ESPCs and participate in the creation of ESPCs. The Contractor shall ensure ESCO personnel are granted access pursuant to contractual requirements; monitor ESCO activities to ensure that site safety and security requirements are adhered to; promptly provide information requested by ESCO personnel to assist them in developing viable recommendations; and, assist in the monitoring and execution of ESPC projects. When an ESCO is working in facilities under the control of the contractor, the ESCO shall work under the facility contractor's work control and safety program.

H.51 SHIPMENT NOTIFICATION

- (a) The Contractor and /or Subcontractors shall notify Energy Northwest seven (7) days in advance (1) of any movement of "common" explosives over 1,800 pounds excluding small arms ammunitions or classified shipments within five (5) miles of Energy Northwest and/or, (2) of any railroad shipment from/to Hanford north of the rail spur to the Fast Flux Test Facility.
- (b) For EM radioactive material/waste shipments by motor carrier and/or rail, the additional security measures described below shall be implemented. Documentation that the security measures were performed shall be maintained with the shipping papers.
 - (1) Additional Security Measures to be Implemented for Motor Carriers transporting Radioactive Material/Waste Shipments:
 - (i) Verify and document that site security plans require drivers entering the facility for loading/unloading of shipments to sign in at the security gate and be escorted to the loading/unloading location unless a security badge has been issued.
 - (ii) Verify and document the name of the drivers, who will be entering DOE facilities to pick up shipments to be used for commercial shipments, are on the list provided by the motor carrier.
 - (iii) Verify and document the motor carriers to be used have provided documentation that all drivers meet the personal security requirements addressed in the U.S. Department of Transportation's (DOT) Security Sensitive Visits.
 - (iv) Obtain copies of documentation from the carriers that all drivers are citizens of the United State
 - (v) Verify the drivers have a Commercial Driver's License, with proper hazardous materials endorsements, and attach a copy to the shipment documentation to be kept on file for each shipment.
 - (vi) Verify and document the carriers utilize satellite tracking and/or maintains cellular telephone contact with the driver, including the requirement that the driver must contact carrier dispatch at regular intervals.
 - (vii) Require security staff to perform and document per-loading equipment inspections to avoid explosive and other devices as detailed in Measure 18 of CRD Notice 473.9 (Supplemented Rev. 0), *Security Conditions*.

NOTE: DOE Notice, Measure 18. Implement screening procedures for other deliveries at designated inspection points to identify explosives and incendiary devices. Use K-9 teams for inspections, when available. Instruct site personnel to report suspicious packages to

Security and refrain from handling them until cleared by appropriate authority.

- (iv) Provide the drivers a briefing and a copy of written instructions regarding en route shipment security measures to be taken. Ensure the drivers can read and understand the instructions provided and have the driver sign a copy of the instructions. Attach signed and dated copy of the instructions to the shipment documentation to be kept on file.
 - (v) Request consignee notification of receipt of shipments.
- (2) Additional Security Measures to be Implemented for Rail Carriers transporting Radioactive Material/Waste Shipments
- (i) Obtain a copy of the rail carrier's security plan. Ensure the plan identifies communications links, frequency of communication, and points of contact information for security-related emergencies.
 - (ii) Implement a mechanism to be notified by the carrier should cars/train encounter any unexpected occurrences en route. Ensure the rail carrier has access to the information.
 - (iii) Require security staff to perform and document pre-loading equipment inspections to avoid explosive and other as detailed in Measure 18 of CRD Notice 473.9 (Supplemented Rev. 0), *Security Conditions*.

NOTE: DOE Notice, Measure 18. Implement screening procedures for other deliveries at designated inspection points to identify explosives and incendiary devices. Use K-9 teams for inspections, when available. Instruct site personnel to report suspicious packages to Security and refrain from handling them until cleared by appropriate authority.

- (iv) Verify and document the rail carrier has a communication system (through central dispatch consignee notification of arrival cars/trains.
- (v) Request consignee notification of arrival of cars/trains.

H.52 EM-SPECIFIC SUSTAINABILITY INTERIM CLAUSE TO IMPLEMENT EISA 2007 AND EXECUTIVE ORDER 13514

Contractor is responsible for the management and operation of the Department of Energy's facilities, fleets and conduct of mission operations at the Hanford Site. In accordance with the Energy Independence and Security Act of 2007 (EISA 2001) and Executive Order 13514 Federal leadership in Environmental, Energy, and Economic Performance (10/5/2009) the contractor shall:

- (a) Assist the Department through direct participation and other support in achieving the Department's scope 1, 2, and 3 greenhouse gas emission reduction goals and other goals and objectives contained in Executive Order 13514.
- (b) Report annually a comprehensive inventory of absolute greenhouse gas emissions, including specified scope 3 emissions, as directed by the Contracting Officer. Develop

- and implement internal policies to calculate and track greenhouse gas emissions following federal guidelines.
- (c) Implement the Technical Guidance on Implementing the Stormwater Runoff Requirements for Federal Projects under Section 438 of the Energy Independence and Security Act issued by the Environmental Protection Agency.
 - (d) Use low-GHG-emitting vehicles, optimize number of vehicles in fleet and follow DOE fleet guidance as provided by the Contracting Officer.
 - (e) Assist the Department in meeting the pollution prevention and waste diversion goals of E.O. 13514 through source reduction and, as supported by cost-benefit analysis, diverting from disposal non-hazardous solid wastes and construction and demolition materials and debris.
 - (f) Assist the department in meeting its high performance sustainable building design, construction, operation and management, maintenance, and deconstruction goals as provided in E.O. 13514.
 - 1) Pursue cost-effective, innovative strategies, such as highly reflective and vegetated roofs, to minimize consumption of energy, water, and materials and to contribute to the efforts to bring facilities into compliance with the federal guiding principles for high performance buildings;
 - 2) Manage existing building systems to reduce the consumption of energy, water, and materials, and identify alternatives to renovation that reduce existing assets' deferred maintenance costs;
 - 3) Identify opportunities to consolidate and dispose of existing assets, optimize the performance of the Department's real-property portfolio, and reduce associated environmental impacts.
 - (g) Assist the Department in ensuring that new federal buildings and federal buildings undergoing major renovations reduce their fossil fuel-generated energy consumption (baseline 2003) by 55% (2010), 65% (2015), 80% (2020), 90% (2025), and 100% (2030).
 - (h) Ensure major replacements of installed equipment, renovation, or expansion of existing space employ the most energy efficient designs, systems, equipment, and controls that are life-cycle cost effective. And ensure such activities contribute to compliance with federal guiding principles for high performance buildings.
 - (i) As directed by the contracting officer, designate a facility energy manager and complete energy and water evaluations every 4 years for each facility. Ensure that facility energy managers commission equipment and establish O&M plans for measuring, verifying, and reporting energy and water savings.
 - (j) Assist the department in advancing sustainable acquisition for products and services as outlined in E.O. 13514.
 - 1) Promote electronics stewardship.
 - 2) Establish and implement policies to enable power management, duplex printing, and other energy-efficient or environmentally preferable features on all eligible agency electronic products;
 - 3) Employ environmentally sound practices with respect to the agency's disposition of all agency excess or surplus electronic products;
 - 4) Implement best management practices for energy-efficient management of servers and federal data centers;
 - (k) Assist the Department to sustain environmental management by:

- 1) Continuing implementation of formal environmental management systems at all appropriate organizational levels; and
- 2) Ensuring these formal systems are appropriately implemented and maintained to achieve the performance necessary to meet the goals of E.O. 13514.

H.53 NNSA/EM STRATEGIC SOURCING PARTNERSHIP

The contractor shall participate in the National Nuclear Security Administration (NNSA)/Environmental Management (EM) Strategic Sourcing Partnership. Under this partnership, EM contractors shall work with the NNSA/EM Supply Chain Management Center (SCMC) to yield an enterprise-wide, synergistic strategic sourcing solution that leverages NNSA and EM purchasing power to gain pricing, processing, and reporting efficiencies to reduce costs overall for the Government.

H.54 CONFERENCE RELATED ACTIVITIES AND SPENDING

The Contractor agrees that:

- a) The contractor shall ensure that contractor-sponsored conferences reflect the DOE/NNSA's commitment to fiscal responsibility, appropriate stewardship of taxpayer funds and support the mission of DOE/NNSA as well as other sponsors of work. In addition, the contractor will ensure conferences do not include any activities that create the appearance of taxpayer funds being used in a questionable manner.
- b) For the purposes of this clause, "conference" is defined in Attachment 2 to the Deputy Secretary's memorandum of August 17, 2015 entitled "Updated Guidance on Conference-Related Activities and Spending."
- c) Contractor-sponsored conferences include those events that meet the conference definition and either or both of the following:
 - 1) The contractor provides funding to plan, promote, or implement an event, except in instances where a contractor:
 - i) covers participation costs in a conference for specified individuals (e.g. students, retirees, speakers, etc.) in a total amount not to exceed \$10,000 (by individual contractor for a specific conference) or
 - ii) purchases goods or services from the conference planners (e.g., attendee registration fees, renting booth space).
 - 2) The contractor authorizes use of its official seal, or other seals/logos/ trademarks to promote a conference. Exceptions include non-M&O contractors who use their seal to promote a conference that is unrelated to their DOE contract(s) (e.g., if a DOE IT contractor were to host a general conference on cyber security).
- d) Attending a conference, giving a speech or serving as an honorary chairperson does not connote sponsorship.
- e) The contractor will provide information on conferences they plan to sponsor with expected costs exceeding \$100,000 in the Department's Conference Management Tool, including:
 - 1) Conference title, description, and date
 - 2) Location and venue
 - 3) Description of any unusual expenses (e.g., promotional items)

- 4) Description of contracting procedures used (e.g., competition for space/support)
- 5) Costs for space, food/beverages, audio visual, travel/per diem, registration costs, recovered costs (e.g., through exhibit fees)
- 6) Number of attendees
- f) The contractor will not expend funds on the proposed contractor-sponsored conferences with expenditures estimated to exceed \$100,000 until notified of approval by the contracting officer.
- g) For DOE-sponsored conferences, the contractor will not expend funds on the proposed conference until notified by the contracting officer.
 - 1) DOE-sponsored conferences include events that meet the definition of a conference and where the Department provides funding to plan, promote, or implement the conference and/or authorizes use of the official DOE seal, or other seals/logos/ trademarks to promote a conference. Exceptions include instances where DOE:
 - i) covers participation costs in a conference for specified individuals (e.g. students, retirees, speakers, etc.) in a total amount not to exceed \$10,000 (by individual contractor for a specific conference) or
 - ii) purchases goods or services from the conference planners (e.g., attendee registration fees; renting booth space); or provide funding to the conference planners through Federal grants.
 - 2) Attending a conference, giving a speech, or serving as an honorary chairperson does not connote sponsorship.
 - 3) The contractor will provide cost and attendance information on their participation in all DOE-sponsored conferences in the DOE Conference Management Tool.
- h) For *non-contractor sponsored conferences*, the contractor shall develop and implement a process to ensure costs related to conferences are allowable, allocable, reasonable, and further the mission of DOE/NNSA. This process must at a minimum:
 - 1) Track all conference expenses.
 - 2) Require the Laboratory Director (or equivalent) or Chief Operating Officer approve a single conference with net costs to the contractor of \$100,000 or greater.
- i) Contractors are not required to enter information on non-sponsored conferences in DOE'S Conference Management Tool.
- j) Once funds have been expended on a non-sponsored conference, contractors may not authorize the use of their trademarks/logos for the conference, provide the conference planners with more than \$10,000 for specified individuals to participate in the conference, or provide any other sponsorship funding for the conference. If a contractor does so, its expenditures for the conference may be deemed unallowable.

H.55 COST ESTIMATING SYSTEM REQUIREMENTS

(a) Definitions.

Acceptable estimating system means an estimating system that complies with the system criteria in paragraph (d) of this clause, and provides for a system that—

- (1) Is maintained, reliable, and consistently applied;

- (2) Produces verifiable, supportable, documented, and timely cost estimates that are an acceptable basis for negotiation of fair and reasonable prices;
- (3) Is consistent with and integrated with the Contractor's related management systems; and
- (4) Is subject to applicable financial control systems.

Estimating system means the Contractor's policies, procedures, and practices for budgeting and planning controls, and generating estimates of costs and other data included in proposals submitted to customers in the expectation of receiving contract awards or contract modifications. Estimating system includes the Contractor's—

- (1) Organizational structure;
- (2) Established lines of authority, duties, and responsibilities;
- (3) Internal controls and managerial reviews;
- (4) Flow of work, coordination, and communication; and
- (5) Budgeting, planning, estimating methods, techniques, accumulation of historical costs, and other analyses used to generate cost estimates.

Significant deficiency means a shortcoming in the system that materially affects the ability of officials of the Department of Energy to rely upon information produced by the system that is needed for management purposes.

- (b) *General.* The Contractor shall establish, maintain, and comply with an acceptable estimating system.
- (c) *Applicability.* Paragraphs (d) and (e) of this clause apply if the Contractor is a large business to include a contractor teaming arrangement, as defined at 48 CFR 9.601(1), performing a contract in support of a Capital Asset Project (other than a management and operating contract as described at 917.6), as prescribed in DOE Order (DOE O) 413.3B, or current version; or a non-capital asset project and either—
 - (1) The total prime contract value exceeds \$50 million, including options; or
 - (2) The Contractor was notified, in writing, by the Contracting Officer that paragraphs (d) and (e) of this clause apply.
- (d) *System requirements.*
 - (1) The Contractor shall disclose its estimating system to the Contracting Officer, in writing. If the Contractor wishes the Government to protect the information as privileged or confidential, the Contractor must mark the documents with the appropriate legends before submission. If the Contractor plans to adopt the existing

system from the previous Contractor, the Contractor is responsible for the system and shall comply with the system requirements required in this clause.

- (2) An estimating system disclosure is acceptable when the Contractor has provided the Contracting Officer with documentation no later than 60 days after contract award that—
 - (i) Accurately describes those policies, procedures, and practices that the Contractor currently uses in preparing cost proposals; and
 - (ii) Provides sufficient detail for the Government to reasonably make an informed judgment regarding the acceptability of the Contractor's estimating practices.
- (3) The Contractor shall—
 - (i) Comply with its disclosed estimating system; and
 - (ii) Disclose significant changes to the cost estimating system to the Contracting Officer on a timely basis.
- (4) The Contractor's estimating system shall provide for the use of appropriate source data, utilize sound estimating techniques and good judgment, maintain a consistent approach, and adhere to established policies and procedures. An acceptable estimating system shall accomplish the following functions:
 - (i) Establish clear responsibility for preparation, review, and approval of cost estimates and budgets.
 - (ii) Provide a written description of the organization and duties of the personnel responsible for preparing, reviewing, and approving cost estimates and budgets.
 - (iii) Ensure that relevant personnel have sufficient training, experience, and guidance to perform estimating and budgeting tasks in accordance with the Contractor's established procedures.
 - (iv) Identify and document the sources of data and the estimating methods and rationale used in developing cost estimates and budgets.
 - (v) Provide for adequate supervision throughout the estimating and budgeting process.
 - (vi) Provide for consistent application of estimating and budgeting techniques.
 - (vii) Provide for detection and timely correction of errors.
 - (viii) Protect against cost duplication and omissions.

- (ix) for the use of historical experience, including historical vendor pricing information, where appropriate.
 - (x) Require use of appropriate analytical methods.
 - (xi) Integrate information available from other management systems.
 - (xii) Require management review, including verification of compliance with the company's estimating and budgeting policies, procedures, and practices.
 - (xiii) Provide for internal review of, and accountability for, the acceptability of the estimating system, including the budgetary data supporting indirect cost estimates and comparisons of projected results to actual results, and an analysis of any differences.
 - (xiv) Provide procedures to update cost estimates and notify the Contracting Officer in a timely manner.
 - (xv) Provide procedures that ensure subcontract prices are reasonable based on a documented review and analysis provided with the prime proposal, when practicable.
 - (xvi)) Provide estimating and budgeting practices that consistently generate sound proposals that are compliant with the provisions of the solicitation and are adequate to serve as a basis to reach a fair and reasonable price.
 - (xvii) Have an adequate system description, including policies, procedures, and estimating and budgeting practices, that comply with the Federal Acquisition Regulation (48 CFR chapter 1) and Department of Energy Acquisition Regulation (48 CFR chapter 9).
- (e) *Significant deficiencies.*
- (1) The Contracting Officer will provide an initial determination to the Contractor, in writing, of any significant deficiencies. The initial determination will describe the deficiency in sufficient detail to allow the Contractor to understand the deficiency.
 - (2) The Contractor shall respond within 30 days to a written initial determination from the Contracting Officer that identifies significant deficiencies in the Contractor's estimating system. If the Contractor disagrees with the initial determination, the Contractor shall state, in writing, its rationale for disagreeing. In the event the Contractor did not respond in writing to the initial determination within the response time, this lack of response shall indicate that the Contractor agrees with the initial determination.
 - (3) The Contracting Officer will evaluate the Contractor's response or the Contractor's

lack of response and notify the Contractor, in writing, of the Contracting Officer's final determination concerning—

- (i) Remaining significant deficiencies;
 - (ii) The adequacy of any proposed or completed corrective action; and
 - (iii) System disapproval, if the Contracting Officer determines that one or more significant deficiencies remain.
- (f) If the Contractor receives the Contracting Officer's final determination of significant deficiencies, the Contractor shall, within 45 days of receipt of the final determination, either correct the significant deficiencies or submit an acceptable corrective action plan showing milestones and actions to eliminate the significant deficiencies.
- (g) *Withholding payments.* If the Contracting Officer makes a final determination to disapprove the Contractor's estimating system, and the contract includes the Section H clause Contractor Business Systems, the Contracting Officer will withhold payments in accordance with that clause.

H.56 EARNED VALUE MANAGEMENT SYSTEM

(a) *Definitions.* As used in this clause—

Acceptable earned value management system means an earned value management system that generally complies with system criteria in paragraph (b) of this clause.

Earned value management system means an earned value management system that complies with the earned value management system guidelines in the ANSI/EIA-748.

Over Target Baseline means an overrun to the Contract Budget Base (CBB) which is formally incorporated into the Performance Measurement Baseline (PMB) for management purposes.

Over Target Schedule means the term used to describe a condition where a baseline schedule is time-phased beyond the contract completion date.

Significant deficiency means a shortcoming in the system that materially affects the ability of officials of the Department of Energy to rely upon information produced by the system that is needed for management purposes.

(b) *System criteria.* In the performance of this contract, the Contractor shall use—

- (1) An Earned Value Management System (EVMS) that complies with the EVMS guidelines in the American National Standards Institute/Electronic Industries Alliance Standard 748, Earned Value Management Systems (ANSI/EIA-748, current version at time of award); and

(2) *Management procedures.*

- (i) Management procedures provide for generation of timely, reliable, and

verifiable information for DOE Integrated Program Management Report (IPMR) data item of this contract.

- (ii) The Contractor shall use Department of Defense's Data Item Description (DID) Integrated Program Management Report (IPMR), DI-MGMT-81861, (current version at time of award) which contains data for measuring cost and schedule performance for this DOE contract. The report's structure has seven formats that contain the content and relationships required for electronic submissions. DOE does not use section 2.8 Applicability of DI-MGMT-81861 for electronic data submissions, in lieu of this section, the Contractor shall use Project Assessment and Reporting System (PARS II). Data shall be submitted by the Contractor electronically by uploading the data into the PARS II in accordance with the —Contractor Project Performance Upload RequirementsII document maintained by the DOE Office of Acquisition and Project Management (OAPM). All requested data shall be submitted timely and accurately, and shall be current as of the close of the previous month's accounting period.
- (c) If the Contractor has one or more DOE contracts valued at \$20,000,000 or greater per contract for a total contract value of \$50,000,000 or more which support DOE Capital Asset Projects, the Contractor shall use an EVMS that has been determined to be acceptable by DOE. If, at the time of award, the Contractor's EVMS has not been determined by DOE to be in compliance with the EVMS guidelines as stated in paragraph (b)(1) of this clause, the Contractor shall apply its current system to the contract and shall take necessary actions to meet the milestones in the Contractor's EVMS plan.
- (d) If this contract has a total value of less than \$50,000,000 and does not meet the condition described at (c) above, the Government will not make a formal determination that the Contractor's EVMS complies with the EVMS guidelines in ANSI/EIA-748 with respect to the contract. The use of the Contractor's EVMS for this contract does not imply a Government determination of the Contractor's compliance with the EVMS guidelines in ANSI/EIA-748 for application to future contracts.
- (e) The Contractor shall submit notification of all proposed changes to the EVMS procedures and the impact of those changes to DOE. If this contractor has one or more contracts in support of DOE Capital Asset Projects and the total contract values are \$20,000,000 or greater per contract for total contract values of \$50,000,000 or more, unless a waiver is granted by DOE, any EVMS changes proposed by the Contractor require approval of DOE prior to implementation. DOE will advise the Contractor of the acceptability of such changes as soon as practicable (generally within 30 calendar days) after receipt of the Contractor's notice of proposed changes. If DOE waives the advance approval requirements, the Contractor shall disclose EVMS changes to DOE at least 14 calendar days prior to the effective date of implementation.
- (f) *Integrated baseline reviews.*
 - (1) The purpose of the integrated baseline reviews (IBR) is to verify the technical content and the realism of the related performance budgets, resources, and schedules. It should provide a mutual understanding of the inherent risks in the offerors'/contractors' performance plans and the underlying management control

systems, and it should formulate a plan to handle these risks. DOE and the Contractor will use the IBR process described in the National Defense Industrial Association Program Management Systems Committee Integrated Baseline Review (NDIA PMSC IBR) Guide (current version at time of award).

- (2) The Government will schedule IBRs as early as practicable, and the review process will be conducted not later than 180 calendar days after—
 - (i) Contract award;
 - (ii) The exercise of significant contract options; and
 - (iii) The incorporation of major modifications.

During such reviews, the Government and the Contractor will jointly assess the Contractor's baseline to be used for performance measurement to ensure complete coverage of the statement of work, logical scheduling of the work activities, adequate resourcing, and identification of inherent risks.

- (g) The Contractor shall provide access to all pertinent records and data requested by the Contracting Officer or duly authorized representative as necessary to permit Government surveillance to ensure that the EVMS complies, and continues to comply, with the performance criteria referenced in paragraph (b) of this clause.
- (h) When indicated by contract performance, the Contractor shall submit a request for approval to initiate an over-target baseline or over-target schedule to the Contracting Officer. The request shall include a top-level projection of cost and/or schedule growth, a determination of whether or not performance variances will be retained, and a schedule of implementation for the rebaselining. The Government will acknowledge receipt of the request in a timely manner (generally within 30 calendar days).
 - (i) *Significant deficiencies.*
 - (1) The Contracting Officer will provide an initial determination to the Contractor, in writing, on any significant deficiencies. The initial determination will describe the deficiency in sufficient detail to allow the Contractor to understand the deficiency.
 - (2) The Contractor shall respond within 30 days to a written initial determination from the Contracting Officer that identifies significant deficiencies in the Contractor's EVMS. If the Contractor disagrees with the initial determination, the Contractor shall state, in writing, its rationale for disagreeing. In the event the Contractor did not respond in writing to the initial determination within the response time, this lack of response shall indicate that the Contractor agrees with the initial determination.
 - (3) The Contracting Officer will evaluate the Contractor's response or the

Contractor's lack of response and notify the Contractor, in writing, of the Contracting Officer's final determination concerning—

- (i) Remaining significant deficiencies;
 - (ii) The adequacy of any proposed or completed corrective action;
 - (iii) System noncompliance, when the Contractor's existing EVMS fails to comply with the earned value management system guidelines in the ANSI/EIA-748; and
 - (iv) System disapproval, if initial EVMS validation is not successfully completed within the timeframe approved by the Contracting Officer, or if the Contracting Officer determines that the Contractor's earned value management system contains one or more significant deficiencies in high-risk guidelines in ANSI/EIA-748 standards (guidelines 1, 3, 6, 7, 8, 9, 10, 12, 16, 21, 23, 26, 27, 28, 30, or 32). When the Contracting Officer determines that the existing earned value management system contains one or more significant deficiencies in one or more of the remaining 16 guidelines in ANSI/EIA-748 standards, the contracting officer will use discretion to disapprove the system based on input received from the DOE Office of Acquisition and Project Management or the DOE Program Office, herein referred to as the functional specialists.
- (4) If the Contractor receives the Contracting Officer's final determination of significant deficiencies, the Contractor shall, within 45 days of receipt of the final determination, either correct the significant deficiencies or submit an acceptable corrective action plan showing milestones and actions to eliminate the significant deficiencies.
- (j) *Withholding payments.* If the Contracting Officer makes a final determination to disapprove the Contractor's EVMS, and the contract includes the Section H clause Contractor Business Systems, the Contracting Officer will withhold payments in accordance with that clause.
- (k) With the exception of paragraphs (i) and (j) of this clause, for contracts valued at \$20 million or more requiring EVMS, the contractor shall flow down appropriate EVMS requirements to its subcontractors in order for the contractor to meet all requirements of this clause.

Lockheed Martin Integrated Technology, LLC;
Jacobs Engineering Group, LLC;
Wackenhut Services, Inc;
Computer Sciences Corporation;
and future subcontractors that meet the definition of teaming subcontractors as defined by FAR 9.6.

- (l) *Adopting previous Contractor's previously certified earned value management (EVM) process.* If the Contractor plans to adopt the existing system from the previous Contractor

or DOE-site, the Contractor is responsible for the system and shall comply with the system requirements required in this clause. The existing system shall utilize the same DOE approved EVM Process Description and the same EVM training as the previous system. The Contractor shall –

- (1) Identify the corporate entity which owns the certified EVM process and provide the certification documentation;
- (2) Obtain DOE prior approval or Advanced Agreement including DOE approval of process changes and joint surveillance;
- (3) Be responsible for compliance with the system criteria required in paragraph (b) of this clause; and
- (4) Be responsible for correcting any significant deficiencies previously identified to the previous Contractor by the Contracting Officer in accordance with paragraph (i) of this clause. Within 45 days after receiving a copy of the previous contractor's final determination, the Contractor shall follow paragraph (i)(4) and either correct any significant deficiencies or submit an acceptable corrective action plan. The Contracting Officer or designee, will provide a copy of the previous contractor's final determination.

H.57 CONTRACTOR BUSINESS SYSTEMS

- (a) This clause only applies to fixed-price contract awarded to a large business on the basis of adequate price competition with or without submission of cost or pricing data; or covered contract that is subject to the Cost Accounting Standards under 41 U.S.C. chapter 15, as implemented in regulations found at 48 CFR 9903.201-1(a) and is not exempted at 9903.201-1(b)(1) through (14) (see the 48 CFR Appendix).

- (b) *Definitions.* As used in this clause—

Acceptable contractor business systems means contractor business systems that comply with the terms and conditions of the applicable business system clauses listed in the definition of contractor business systems in this clause.

Contractor business systems means—

- (1) Accounting system, if this contract includes the Section H clause Accounting System Administration;
- (2) Earned value management system, if this contract includes the Section H clause Earned Value Management System;
- (3) Estimating system, if this contract includes the Section H clause Cost Estimating System Requirements;
- (4) Property management system, if this contract includes the Section H clause Contractor Property Management System Administration; and

- (5) Purchasing system, if this contract includes the Section H clause Contractor Purchasing System Administration.

Significant deficiency, in the case of a contractor business system, means a shortcoming in the system that materially affects the ability of officials of the Department of Energy to rely upon information produced by the system that is needed for management purposes.

- (c) *General.* The Contractor shall establish and maintain acceptable business systems in accordance with the terms and conditions of this contract. If the Contractor plans to adopt any existing business system from the previous Contractor, the Contractor is responsible for the system and shall comply with the system requirements and criteria required in that specific business system clause.
- (d) *Significant deficiencies.*
 - (1) The Contractor shall respond, in writing, within 30 days to an initial determination that there are one or more significant deficiencies in one or more of the Contractor's business systems.
 - (2) The Contracting Officer will evaluate the Contractor's response and notify the Contractor, in writing, of the final determination as to whether the Contractor's business system contains significant deficiencies. If the Contracting Officer determines that the Contractor's business system contains significant deficiencies, the final determination will include a notice to withhold payments.
- (e) *Withholding payments.*
 - (1) If the Contracting Officer issues the final determination with a notice to withhold payments for significant deficiencies in a contractor business system required under this contract, the Contracting Officer will direct the Contractor, in writing, to withhold five percent from its invoices until the Contracting Officer has determined that the Contractor has corrected all significant deficiencies as directed by the Contracting Officer's final determination. The Contractor shall, within 45 days of receipt of the notice, either –
 - (i) Correct the deficiencies; or
 - (ii) Submit an acceptable corrective action plan showing milestones and actions to eliminate the deficiencies. The plan shall contain—
 - (A) Root cause(s) identification of the problem(s);
 - (B) The proposed corrective action(s) to address the root cause(s);
 - (C) A schedule for implementation; and
 - (D) The name of the person responsible for the implementation.
 - (2) If the Contractor submits an acceptable corrective action plan within 45 days of receipt of a notice of the Contracting Officer's intent to withhold payments, and the Contracting Officer, in consultation with the auditor or functional specialist, determines that the Contractor is effectively implementing such plan, the

Contracting Officer will direct the Contractor, in writing, to reduce the percentage withheld on invoices to two percent until the Contracting Officer determines the Contractor has corrected all significant deficiencies as directed by the Contracting Officer's final determination. However, if at any time, the Contracting Officer determines that the Contractor has failed to follow the accepted corrective action plan, the Contracting Officer will increase withholding and direct the Contractor, in writing, to increase the percentage withheld on invoices to the percentage initially withheld, until the Contracting Officer determines that the Contractor has corrected all significant deficiencies as directed by the Contracting Officer's final determination.

- (3) Payment withhold percentage limits.
 - (i) The total percentage of payments withheld on amounts due on this contract shall not exceed—
 - (A) Five percent for one or more significant deficiencies in any single contractor business system; and
 - (B) Ten percent for significant deficiencies in multiple contractor business systems.
 - (ii) If this contract contains pre-existing withholds, and the application of any subsequent payment withholds will cause withholding under this clause to exceed the payment withhold percentage limits in paragraph (e)(3)(i) of this clause, the Contracting Officer will reduce the payment withhold percentage in the final determination to an amount that will not exceed the payment withhold percentage limits.
- (4) For the purpose of this clause, payment means invoicing for any of the following payments authorized under this contract:
 - (i) Interim payments under—
 - (A) Cost-reimbursement contracts;
 - (B) Incentive type contracts;
 - (C) Time-and-materials contracts; or
 - (D) Labor-hour contracts.
 - (ii) Progress payments to include fixed-price contracts.
 - (iii) Performance-based payments to include fixed-price contracts.
- (5) Payment withholding shall not apply to payments on fixed-price line items where performance is complete and the items were accepted by the Government.

- (6) The withholding of any amount or subsequent payment to the Contractor shall not be construed as a waiver of any rights or remedies the Government has under this contract.
 - (7) Notwithstanding the provisions of any clause in this contract providing for interim, partial, or other payment withholding on any basis, the Contracting Officer may withhold payment in accordance with the provisions of this clause.
 - (8) The payment withholding authorized in this clause is not subject to the interest- penalty provisions of the Prompt Payment Act.
- (f) *Correction of deficiencies.*
- (1) The Contractor shall notify the Contracting Officer, in writing, when the Contractor has corrected the business system's deficiencies.
 - (2) Once the Contractor has notified the Contracting Officer that all deficiencies have been corrected, the Contracting Officer will take one of the following actions:
 - (i) If the Contracting Officer determines that the Contractor has corrected all significant deficiencies as directed by the Contracting Officer's final determination, the Contracting Officer will direct the Contractor, in writing, to discontinue the payment withholding from invoices under this contract associated with the Contracting Officer's final determination, and authorize the Contractor to bill for any monies previously withheld that are not also being withheld due to other significant deficiencies. Any payment withholding under this contract due to other significant deficiencies, will remain in effect until the Contracting Officer determines that those significant deficiencies are corrected.
 - (ii) If the Contracting Officer determines that the Contractor still has significant deficiencies, the Contractor shall continue withholding amounts from its invoices in accordance with paragraph (e) of this clause, and not invoice for any monies previously withheld.
 - (iii) If the Contracting Officer determines, based on the evidence submitted by the Contractor, that there is a reasonable expectation that the corrective actions have been implemented and are expected to correct the significant deficiencies, the Contracting Officer will discontinue withholding payments, and release any payments previously withheld directly related to the significant deficiencies identified in the Contractor notification, and direct the Contractor, in writing, to discontinue the payment withholding from invoices associated with the Contracting Officer's final determination, and authorize the Contractor to bill for any monies previously withheld.
 - (iv) If, within 90 days of receipt of the Contractor notification that the Contractor has corrected the significant deficiencies, the Contracting Officer has not

made a determination in accordance with paragraphs (f)(2)(i), (ii), or (iii) of this clause, the Contracting Officer will direct the Contractor, in writing, to reduce the payment withholding from invoices directly related to the significant deficiencies identified in the Contractor notification by a specified percentage that is at least 50 percent, but not authorize the Contractor to bill for any monies previously withheld until the Contracting Officer makes a determination in accordance with paragraphs (f)(2)(i), (ii), or (iii) of this clause.

- (v) At any time after the Contracting Officer directs the Contractor to reduce or discontinue the payment withholding from invoices under this contract, if the Contracting Officer determines that the Contractor has failed to correct the significant deficiencies identified in the Contractor's notification, the Contracting Officer will reinstate or increase withholding and direct the Contractor, in writing, to reinstate or increase the percentage withheld on invoices to the percentage initially withheld, until the Contracting Officer determines that the Contractor has corrected all significant deficiencies as directed by the Contracting Officer's final determination.

H.58 ACCOUNTING SYSTEM ADMINISTRATION

(a) *Definitions.* As used in this clause—

- (1) *Acceptable accounting system* means a system that complies with the system criteria in paragraph (c) of this clause to provide reasonable assurance that—
 - (i) Applicable laws and regulations are complied with;
 - (ii) The accounting system and cost data are reliable;
 - (iii) Risk of misallocations and mischarges are minimized; and
 - (iv) Contract allocations and charges are consistent with billing procedures.
- (2) *Accounting system* means the Contractor's system or systems for accounting methods, procedures, and controls established to gather, record, classify, analyze, summarize, interpret, and present accurate and timely financial data for reporting in compliance with applicable laws, regulations, and management decisions, and may include subsystems for specific areas such as indirect and other direct costs, compensation, billing, labor, and general information technology.
- (3) *Significant deficiency* means a shortcoming in the system that materially affects the ability of officials of the Department of Energy to rely upon information produced by the system that is needed for management purposes.

(b) *General.* The Contractor shall establish and maintain an acceptable accounting system. If the Contractor plans to adopt the existing system from the previous Contractor, the Contractor is responsible for the system and shall comply with the system criteria

required in this clause. The Contractor shall provide in writing to the Contracting Officer documentation that its accounting system meets the system criteria in paragraph (c) of this clause no later than 60 days after contract award. Failure to maintain an acceptable accounting system, as defined in this clause, shall result in the withholding of payments if the contract includes the Section H clause Contractor Business Systems, and also may result in disapproval of the system.

- (c) *System criteria.* The Contractor's accounting system shall provide for—
- (1) A sound internal control environment, accounting framework, and organizational structure;
 - (2) Proper segregation of direct costs from indirect costs;
 - (3) Identification and accumulation of direct costs by contract;
 - (4) A logical and consistent method for the accumulation and allocation of indirect costs to intermediate and final cost objectives;
 - (5) Accumulation of costs under general ledger control;
 - (6) Reconciliation of subsidiary cost ledgers and cost objectives to general ledger;
 - (7) Approval and documentation of adjusting entries;
 - (8) Management reviews or internal audits of the system to ensure compliance with the Contractor's established policies, procedures, and accounting practices;
 - (9) A timekeeping system that identifies employees' labor by intermediate or final cost objectives;
 - (10) A labor distribution system that charges direct and indirect labor to the appropriate cost objectives;
 - (11) Interim (at least monthly) determination of costs charged to a contract through routine posting of books of account;
 - (12) Exclusion from costs charged to Government contracts of amounts which are not allowable in terms of 48 CFR part 31, Contract Cost Principles and Procedures, and other contract provisions;
 - (13) Identification of costs by contract line item and by units (as if each unit or line item were a separate contract), if required by the contract;
 - (14) Segregation of preproduction costs from production costs, as applicable;
 - (15) Cost accounting information, as required—

- (i) By contract clauses concerning limitation of cost (48 CFR 52.232-20), limitation of funds (48 CFR 52.232-22), or allowable cost and payment (48 CFR 52.216-7); and
 - (ii) To readily calculate indirect cost rates from the books of accounts;
 - (16) Billings that can be reconciled to the cost accounts for both current and cumulative amounts claimed and comply with contract terms;
 - (17) Adequate, reliable data for use in pricing follow-on acquisitions; and
 - (18) Accounting practices in accordance with standards promulgated by the Cost Accounting Standards Board, if applicable, otherwise, Generally Accepted Accounting Principles.
- (d) *Significant deficiencies.*
- (1) The Contracting Officer will provide an initial determination to the Contractor, in writing, on any significant deficiencies. The initial determination will describe the deficiency in sufficient detail to allow the Contractor to understand the deficiency.
 - (2) The Contractor shall respond within 30 days to a written initial determination from the Contracting Officer that identifies significant deficiencies in the Contractor's accounting system. If the Contractor disagrees with the initial determination, the Contractor shall state, in writing, its rationale for disagreeing. In the event the Contractor did not respond in writing to the initial determination within the response time, this lack of response shall indicate that the Contractor agrees with the initial determination.
 - (3) The Contracting Officer will evaluate the Contractor's response or the Contractor's lack of response and notify the Contractor, in writing, of the Contracting Officer's final determination concerning—
 - (i) Remaining significant deficiencies;
 - (ii) The adequacy of any proposed or completed corrective action; and
 - (iii) System disapproval, if the Contracting Officer determines that one or more significant deficiencies remain.
- (e) If the Contractor receives the Contracting Officer's final determination of significant deficiencies, the Contractor shall, within 45 days of receipt of the final determination, either correct the significant deficiencies or submit an acceptable corrective action plan showing milestones and actions to eliminate the significant deficiencies.
- (f) *Withholding payments.* If the Contracting Officer makes a final determination to disapprove the Contractor's accounting system, and the contract includes the Section H clause Contractor Business Systems, the Contracting Officer will

withhold payments in accordance with that clause.

H.59 CONTRACTOR PURCHASING SYSTEM ADMINISTRATION

(a) *Definitions.* As used in this clause—

Acceptable purchasing system means a purchasing system that complies with the system criteria in paragraph (c) of this clause.

Purchasing system means the Contractor's system or systems for purchasing and subcontracting, including make-or-buy decisions, the selection of vendors, analysis of quoted prices, negotiation of prices with vendors, placing and administering of orders, and expediting delivery of materials.

Significant deficiency means a shortcoming in the system that materially affects the ability of officials of the Department of Energy to rely upon information produced by the system that is needed for management purposes.

(b) *General.* The Contractor shall establish and maintain an acceptable purchasing system. If the Contractor plans to adopt the existing system from the previous Contractor, the Contractor is responsible for the system and shall comply with the system criteria required in this clause. The Contractor shall provide in writing to the Contracting Officer documentation that its purchasing system meets the system criteria in paragraph (c) of this clause no later than 60 days after contract award. Failure to maintain an acceptable purchasing system, as defined in this clause, may result in disapproval of the system by the Contracting Officer and/or withholding of payments.

(c) *System criteria.* The Contractor's purchasing system shall—

- (1) Have an adequate system description including policies, procedures, and purchasing practices that comply with the Federal Acquisition Regulation (FAR) (48 CFR Chapter 1) and the Department of Energy Acquisition Regulation (48 CFR Chapter 9);
- (2) Ensure that all applicable purchase orders and subcontracts contain all flowdown clauses, including terms and conditions and any other clauses needed to carry out the requirements of the prime contract;
- (3) Maintain an organization plan that establishes clear lines of authority and responsibility;
- (4) Ensure all purchase orders are based on authorized requisitions and include a complete and accurate history of purchase transactions to support vendor selected, price paid, and document the subcontract/purchase order files which are subject to Government review;

- (5) Establish and maintain adequate documentation to provide a complete and accurate history of purchase transactions to support vendors selected and prices paid;
- (6) Apply a consistent make-or-buy policy that is in the best interest of the Government;
- (7) Use competitive sourcing to the maximum extent practicable, and ensure debarred or suspended contractors are properly excluded from contract award;
- (8) Evaluate price, quality, delivery, technical capabilities, and financial capabilities of competing vendors to ensure fair and reasonable prices;
- (9) Require management level justification and adequate cost or price analysis, as applicable, for any sole or single source award;
- (10) perform timely and adequate cost or price analysis and technical evaluation for each subcontractor and supplier proposal or quote to ensure fair and reasonable subcontract prices;
- (11) Document negotiations in accordance with 48 CFR 15.406-3;
- (12) Seek, take, and document economically feasible purchase discounts, including cash discounts, trade discounts, quantity discounts, rebates, freight allowances, and company- wide volume discounts;
- (13) Ensure proper type of contract selection and prohibit issuance of cost-plus-a- percentage-of-cost subcontracts;
- (14) Maintain subcontract surveillance to ensure timely delivery of an acceptable product and procedures to notify the Government of potential subcontract problems that may impact delivery, quantity, or price;
- (15) Document and justify reasons for subcontract changes that affect cost or price;
- (16) Notify the Government of the award of all subcontracts that contain the 48 CFR Chapter 1 and 48 CFR Chapter 9 flowdown clauses that allow for Government audit of those subcontracts, and ensure the performance of audits of those subcontracts;
- (17) Enforce adequate policies on conflict of interest, gifts, and gratuities, including the requirements of the 41 U.S.C. chapter 87, Kickbacks;
- (18) Perform internal audits or management reviews, training, and maintain policies and procedures for the purchasing department to ensure the integrity of the purchasing system;
- (19) Establish and maintain policies and procedures to ensure purchase orders

and subcontracts contain mandatory and applicable flowdown clauses, as required by the 48 CFR chapter 1, including terms and conditions required by the prime contract and any clauses required to carry out the requirements of the prime contract;

- (20) Provide for an organizational and administrative structure that ensures effective and efficient procurement of required quality materials and parts at the best value from responsible and reliable sources;
 - (21) Establish and maintain selection processes to ensure the most responsive and responsible sources for furnishing required quality parts and materials and to promote competitive sourcing among dependable suppliers so that purchases are reasonably priced and from sources that meet contractor quality requirements;
 - (22) Establish and maintain procedures to ensure performance of adequate price or cost analysis on purchasing actions;
 - (23) Establish and maintain procedures to ensure that proper types of subcontracts are selected, and that there are controls over subcontracting, including oversight and surveillance of subcontracted effort; and
 - (24) Establish and maintain procedures to timely notify the Contracting Officer, in writing, if—
 - (i) The Contractor changes the amount of subcontract effort after award such that it exceeds 70 percent of the total cost of the work to be performed under the contract, task order, or delivery order. The notification shall identify the revised cost of the subcontract effort and shall include verification that the Contractor will provide added value; or
 - (ii) Any subcontractor changes the amount of lower-tier subcontractor effort after award such that it exceeds 70 percent of the total cost of the work to be performed under its subcontract. The notification shall identify the revised cost of the subcontract effort and shall include verification that the subcontractor will provide added value as related to the work to be performed by the lower-tier subcontractor(s).
- (d) *Significant deficiencies.*
- (1) The Contracting Officer will provide notification of initial determination to the Contractor, in writing, of any significant deficiencies. The initial determination will describe the deficiency in sufficient detail to allow the Contractor to understand the deficiency.
 - (2) The Contractor shall respond within 30 days to a written initial determination from the Contracting Officer that identifies significant deficiencies in the Contractor's purchasing system. If the Contractor disagrees with the initial determination, the Contractor shall state, in writing, its rationale for disagreeing. In the event the Contractor did not respond in writing to the initial determination

within the response time, this lack of response shall indicate that the Contractor agrees with the initial determination.

- (3) The Contracting Officer will evaluate the Contractor's response or the Contractor's lack of response and notify the Contractor, in writing, of the Contracting Officer's final determination concerning—
 - (i) Remaining significant deficiencies;
 - (ii) The adequacy of any proposed or completed corrective action; and
 - (iii) System disapproval, if the Contracting Officer determines that one or more significant deficiencies remain.
- (e) If the Contractor receives the Contracting Officer's final determination of significant deficiencies, the Contractor shall, within 45 days of receipt of the final determination, either correct the significant deficiencies or submit an acceptable corrective action plan showing milestones and actions to eliminate the deficiencies.
- (f) *Withholding payments.* If the Contracting Officer makes a final determination to disapprove the Contractor's purchasing system, and the contract includes the Section H clause Contractor Business Systems, the Contracting Officer will withhold payments in accordance with that clause.

H.60 CONTRACTOR PROPERTY MANAGEMENT SYSTEM ADMINISTRATION

- (a) *Definitions.* As used in this clause—

Acceptable property management system means a property system that complies with the system criteria in paragraph (c) of this clause.

Property management system means the Contractor's system or systems for managing and controlling Government property.

Significant deficiency means a shortcoming in the system that materially affects the ability of officials of the Department of Energy to rely upon information produced by the system that is needed for management purposes.

- (b) *General.* The Contractor shall establish and maintain an acceptable property management system. If the Contractor plans to adopt the existing system from the previous Contractor, the Contractor is responsible for the system and shall comply with the system criteria required in this clause. The Contractor shall provide in writing to the Contracting Officer documentation that its property management system meets the system criteria in paragraph (c) of this clause no later than 60 days after contract award. Failure to maintain an acceptable property management system, as defined in this clause, may result in disapproval of the system by the Contracting Officer and/or withholding of payments.

- (c) *System criteria.* The Contractor's property management system shall be in accordance with paragraph (f) of the contract clause at 48 CFR 52.245-1.
- (d) *Significant deficiencies.*
 - (1) The Contracting Officer will provide an initial determination to the Contractor, in writing, of any significant deficiencies. The initial determination will describe the deficiency in sufficient detail to allow the Contractor to understand the deficiency.
 - (2) The Contractor shall respond within 30 days to a written initial determination from the Contracting Officer that identifies significant deficiencies in the Contractor's property management system. If the Contractor disagrees with the initial determination, the Contractor shall state, in writing, its rationale for disagreeing. In the event the Contractor did not respond in writing to the initial determination within the response time, this lack of response shall indicate that the Contractor agrees with the initial determination.
 - (3) The Contracting Officer will evaluate the Contractor's response or the Contractor's lack of response and notify the Contractor, in writing, of the Contracting Officer's final determination concerning—
 - (i) Remaining significant deficiencies;
 - (ii) The adequacy of any proposed or completed corrective action; and
 - (iii) System disapproval, if the Contracting Officer determines that one or more significant deficiencies remain.
- (e) If the Contractor receives the Contracting Officer's final determination of significant deficiencies, the Contractor shall, within 45 days of receipt of the final determination, either correct the significant deficiencies or submit an acceptable corrective action plan showing milestones and actions to eliminate the significant deficiencies.
- (f) *Withholding payments.* If the Contracting Officer makes a final determination to disapprove the Contractor's property management system, and the contract includes the Section H clause Contractor Business Systems, the Contracting Officer will withhold payments in accordance with that clause.

H.61 MANAGEMENT AND INSURANCE PROGRAMS

1. BASIC REQUIREMENTS

- a. Maintain commercial insurance or a self-insured program, (i.e., any insurance policy or coverage that protects the contractor from the risk of legal liability for adverse actions associated with its operation, including malpractice, injury, or negligence) as required by the terms of the contract. Types of insurance include automobile, general liability, and other third party liability insurance. Other forms of coverage must be justified as necessary in the operation of the Department facility and/or the performance of the contract, and approved by the DOE.

- b. Contractors shall not purchase insurance to cover public liability for nuclear incidents without DOE authorization (See DEAR 950.5070, Indemnification and DEAR 950.70, Nuclear Indemnification of DOE Contractors).
- c. Demonstrate that insurance programs and costs comply with the cost limitations and exclusions at FAR 28.307, Insurance Under Cost Reimbursement Contracts; and FAR 31.205-19, DEAR 931.205-19, and DEAR 970.3102-05-19, Insurance and Indemnification.
- d. Demonstrate that the insurance program is being conducted in the government's best interest and at reasonable cost.
- e. The contractor shall submit copies of all insurance policies or insurance arrangements to the contracting officer no later than 30 days after the purchase date.
- f. When purchasing commercial insurance, the contractor shall use a competitive process to ensure costs are reasonable.
- g. Ensure self-insurance programs include the following elements:
 - (1) Compliance with criteria set forth in FAR 28.308, Self-Insurance. Approval of self-insurance is predicated upon submission of verifiable proof that the self-insurance charge does not exceed the cost of purchased insurance. This includes hybrid plans (i.e., commercially purchased insurance with self-insured retention (SIR) such as large deductible, matching deductible, retrospective rating cash flow plans, and other plans where insurance reserves are under the control of the insured). The SIR components of such plans are self-insurance and are subject to the approval and submission requirements of FAR 28.308, as applicable.
 - (2) Demonstration of full compliance with applicable state and federal regulations and related professional administration necessary for participation in alternative insurance programs.
 - (3) Safeguards to ensure third party claims and claims settlements are processed in accordance with approved procedures.
 - (4) Accounting of self-insurance charges.
 - (5) Accrual of self-insurance reserve. The Contracting Officer's approval is required and predicated upon the following:
 - (a) The claims reserve shall be held in a special fund or interest bearing account.

- (b) Submission of a formal written statement to the Contracting Officer stating that use of the reserve is exclusively for the payment of insurance claims and losses, and that DOE shall receive its equitable share of any excess funds or reserve.
 - (c) Annual accounting and justification as to the reasonableness of the claims reserve submitted for Contracting Officer's review.
 - (d) Claim reserves, not payable within the year the loss occurred, are discounted to present value based on the prevailing Treasury rate.
- h. Separately identify and account for interest cost on a Letter of Credit used to guarantee self-insured retention, as an unallowable cost and omitted from charges to the DOE contract.
 - i. Comply with the Contracting Officer's written direction for ensuring the continuation of insurance coverage and settlement of incurred and/or open claims and payments of premiums owed or owing to the insurer for prior DOE contractors.

2. PLAN EXPERIENCE REPORTING.

- (a) The Contractor shall provide the Contracting Officer with annual experience reports for each type of insurance (e.g., automobile and general liability), listing the following for each category:
 - (1) The amount paid for each claim.
 - (2) The amount reserved for each claim.
 - (3) The direct expenses related to each claim.
 - (4) A summary for the year showing total number of claims.
 - (5) A total amount for claims paid.
 - (6) A total amount reserved for claims.
 - (7) The total amount of direct expenses.
- b. Provide the Contracting Officer with an annual report of insurance costs and/or self-insurance charges. When applicable, separately identify total policy expenses (e.g., commissions, premiums, and costs for claims servicing) and major claims during the year, including those expected to become major claims (e.g., those claims valued at \$100,000 or greater)

- c. Provide additional claim financial experience data as may be requested on a case-by-case basis.

3. TERMINATING OPERATIONS.

The Contractor shall:

- a. Ensure protection of the government's interest through proper recording of cancellation credits due to policy terminations and/or experience rating.
- b. Identify and provide continuing insurance policy administration and management requirements to a successor, other DOE contractor, or as specified by the Contracting Officer.
- c. Reach agreement with DOE on the handling and settlement of self insurance claims incurred but not reported at the time of contract termination; otherwise, the contractor shall retain this liability.

4. SUCCESSOR CONTRACTOR OR INSURANCE POLICY CANCELLATION.

The Contractor shall:

- a. Obtain the written approval of the Contracting Officer for any change in program direction; and
- b. Ensure insurance coverage replacement is maintained as required and/or approved by the Contracting Officer.

H.62 SPECIAL VOLUNTARY RETIREMENT PROGRAM (SVRP) PAYMENT AUTHORIZATION

The Contractor, Mission Support Alliance, LLC (MSA), is authorized to reimburse, as an allowable cost, monthly payments associated with the 1996 Special Voluntary Retirement Program (SVRP) in accordance with RL letter 17-PRO-0031 REISSUE, dated November 28, 2016. Each monthly payment will continue until the month of their death or their spouse's death, whichever is later. The Contractor shall make such payments, as allowable costs, for the terms of the contract only. Any costs related to these payments, such as administration, employer taxes, etc., are also considered allowable. The Department of Energy (DOE) will incorporate provisions in successor contracts for continuation of said payments as allowable costs. In the event there is no successor contractor, DOE will make such payments directly to the individuals, in accordance with 17-PRO-0031 REISSUE, based on the conditions herein.

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS
SECTION J -- LIST OF ATTACHMENTS
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J.10-1 SERVICE CONTRACT ACT: WAGE DETERMINATION

In accordance with Contract Clause I.57 (FAR 52.222-41) the applicable Wage Determinations may be found in the matrix below:

Table J.10-1, Applicable Wage Determinations			
Wage Determination	Date Incorporated Into Contract	Modification Number	PDF Location
15-5527 (Rev 3)	11/28/2017	647	WDOL.gov
04-0047 (Rev 14)	11/28/2017	647	WDOL.gov
15-5527 (Rev 1)	03/16/2017	578	Archived: WDOL.gov
04-0047 (Rev 13)	1/19/2016	502	Archived: WDOL.gov
05-2569 (Rev 19)	01/18/2016	502	Archived: WDOL.gov
04-0047 (Rev 12)	6/15/2015	464	Archived: WDOL.gov
05-2569 (Rev 17)	06/15/2015	464	Archived: WDOL.Gov
04-0047 (Rev 11)	5/1/2014	369	Archived: WDOL.Gov
05-2569 (Rev 15)	02/14/2014	352	Archived: WDOL.gov
05-2569 (Rev 14)	01/29/2013	249	Archived: WDOL.gov
05-2569 (Rev 13)	04/03/2012	190	Archived: WDOL.gov
05-2569 (Rev 12)	05/20/2011	124	Archived: WDOL.gov
05-2570	Deleted	124	
05-2569 (Rev 10)	06/04/2010	045	Archived: WDOL.gov
05-2570 (Rev 10)	06/04/2010	045	Archived: WDOL.gov
05-2569 (Rev 9)	07/17/2009	007	Archived: WDOL.gov
05-2570 (Rev 9)	07/17/2009	007	Archived: WDOL.gov
05-2569 (Rev 2)	Award	000	Archived: WDOL.gov
05-2570 (Rev 2)	Award	000	Archived: WDOL.gov

WD 04-0047 (Rev.-14) was first posted on www.wdol.gov on 01/03/2017
 Diver Services

 REGISTER OF WAGE DETERMINATIONS UNDER | U.S. DEPARTMENT OF LABOR
 THE SERVICE CONTRACT ACT | EMPLOYMENT STANDARDS ADMINISTRATION
 By direction of the Secretary of Labor | WAGE AND HOUR DIVISION
 | WASHINGTON, D.C. 20210
 |
 Daniel W. Simms Division of Wage | Wage Determination No: 2004-0047
 Director Determinations | Revision No: 14
Date Of Revision: 12/30/2016

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

NATIONWIDE: This wage determination applies to the Coastline of the U.S., Alaska and Hawaii except DC, DE, FL, GA, MD, NC, SC and VA (Southern Areas).
 ALASKA AREA: Alaska Coastline.
 GULF OF MEXICO AREA: All land areas adjacent to the Gulf of Mexico, except Gulf of Mexico area in Texas and Louisiana (see WDs numbers below).
 NEW ENGLAND AREA: From the border of New Brunswick, Canada down to longitude that is parallel to the border between Massachusetts and Rhode Island so as to include Nantucket Island and Martha's Vineyard.
 NEW YORK AREA: From the above down to the line between Monmouth and Ocean Counties, New Jersey.
 NORTHERN CALIFORNIA AREA: From the above longitudinal parallel line extending out from the border of Oregon and California.
 OREGON AREA: From the above longitudinal parallel line extending out from the border of Washington and Oregon.
 SOUTHERN CALIFORNIA AND HAWAII AREA: From the border of Mexico to a line starting from the border between San Luis Obispo and Monterey Counties, California parallel to the latitudinal lines, including Hawaii.
 WASHINGTON AREA: From the above to a longitudinal parallel line extending out from the border of Canada and Washington.
 See WD 2002-0190 for Louisiana and WD 2002-0261 for Texas.
 The Southeast Area has been removed which includes the Southern Area of New Jersey and can be located on WD 2007-0134.

Fringe Benefits Required Follow the Occupational Listing

Employed on contract for Diving services.

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
47040 - Diver		
Alaska Area - Diver		74.68
Alaska Area - Stand-by-Diver		37.34
Gulf of Mexico Area - Diver/Helper		25.52

Gulf of Mexico Area - Journeyman Diver	27.02
Hawaii	45.20
New England Area - 60 feet or less - Massachusetts-\$150.00/per Dive (8 hr shift)	50.74
New York Area	54.63
Northern California Area	76.58
Northern California Area - Stand-by-Diver	38.29
Oregon Area - Diver	77.94
Oregon Area - Stand-by-Diver	38.97
Southern California Area - Diver	82.96
Southern California Area - Stand By Diver	41.48
Washington Area - Diver	85.24
Washington Area - Stand-by-Diver	42.62
47041 - Diver Tender	
Northern California Area - Assistant Tender ROV Tender/Technician	33.90
Northern California Area - Tender ROV Operator/EMT Tech	37.29
Oregon Area	36.74
Southern California - Assistant Tender	37.48
Southern California Area - Tender	40.48
Washington Area	38.27
Alaska Area - Assistant Tender	32.30
Alaska Area - Tender	36.34
Hawaii	40.25
New England Area	36.24
New York Area	39.18

Diver can negotiate pay under the following conditions:
For dives deeper than depths specified
For special penetration situations

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors, applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is the victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

ALASKA AREA Fringe Benefits:

DEPTH PAY: 050 - 100 ft. - \$1.00/ft.
101 - 200 ft. - \$2.00/ft.
Over 200 Divers negotiated

HELIUM - OXYGEN SURFACE DIVING DEPTH PAY:

200 - 250 ft. - \$3.00/ft.
251 - 300 ft/ - \$4.00/ft.

In excess of 300 feet - Divers negotiate, but not less than \$4.00 per foot

TUNNEL OR PIPE PAY (based on distance traveled from the entrance):

005 - 050 ft. - \$1.00/ft./per day

050 - 100 ft. - \$2.00/ft./per day

100 - 150 ft. - \$3.00/ft./per day

Over 150 ft. - Diver negotiated, but not less than \$3.00/ft/day

HEALTH AND WELFARE: \$7.15 per hour.

PENSION: \$9.28 per hour.

APPRENTICE TRAINING: \$.80 per hour.

GULF OF MEXICO AREA (except areas in Texas and Louisiana) Fringe Benefits:

HAZARD PAY: \$35.00 per eight hours shift for divers where work involves entry into any area where vertical ascent is not possible (tunnels, wrecks, etc.), live boating (diving from a moving vessel) or blasting.

DEPTH PAY: 050 - 100 ft. - \$1.00/ft.

100 - 150 ft. - \$2.00/ft.

151 - 200 ft. - \$3.00/ft.

201 - 250 ft. - \$4.00/ft.

251 - 350 ft. - \$6.00/ft.

351 - 400 ft. - \$7.00/ft.

401 - 500 ft. - \$8.00/ft.

500 ft. and over - Diver negotiated but not less than \$8.00/ft.

HEALTH AND WELFARE: \$3.30 per hour.

APPRENTICE TRAINING: \$0.50 per hour.

PENSION: \$2.30 per hour.

ANNUITY: \$2.10 per hour.

HAWAII AREA fringe benefits:

DEPTH PAY: 50 - 100 ft. - \$1.50 /ft. in excess of 50 ft.

100 - 150 ft.- \$100.00 plus \$2.00 per ft. in excess of 100 ft.

150 - 200 ft. - \$200.00 plus \$3.00 per ft. in excess of 150 ft.

Over 200 ft. - the Diver shall have the right to designate his/her own rate, but in no case shall that rate be lower than the above-specified rate for depths of less than 200 feet.

Pipe & Tunnel - Ability to stand erect:

5 ft. - 50 ft - \$5.00 per day

50 ft - 100 ft - \$7.50 per day

100 ft. - \$150 ft - \$12.50 per day

150 ft - Additional - \$7.50 per day per 50 ft

Unable to stand erect.

5 ft - 50 ft - \$5.00

50 ft - 100 ft - \$7.50

100 ft - 150 ft - \$12.50
150 ft - 200 ft - \$15.00
200 ft - 300 ft - \$1.00
300 ft - 450 ft - \$1.50
450 ft - 600 ft - \$2.50

HEALTH AND WELFARE: \$5.92 per hour

VACATION AND HOLIDAY FUND: 5.25 per hour

APPRENTICESHIP AND TRAINING: \$0.71 per hour

401(k) FUND: \$1.50 per hour

NEW ENGLAND AREA Fringe Benefits:

Remote Observation Vehicles (ROV)
Autonomous Underwater Vehicles (AUV)
Atmospheric Dive Suits (ADS) and
Submersible Pilots & Robotic
Underwater Tools & Equipment

Also rates for Slurry/Effluent

Diver - \$76.11
Tender - \$54.36

DEPTH PAY: Over 60 ft. - 100 ft. - \$.55/ft./per dive.
Over 101 ft. - 150 ft. - \$1.05/ft./per dive
Over 151 ft. - 200 ft. - \$1.60/ft./per dive
Over 200 ft. - Diver/negotiated

PENETRATION PAY: 1 ft. - 150 ft. - \$.55/ft per dive
151 ft. and over - \$.80/ft per dive
Special situation - subject to negotiation per dive

HEALTH AND WELFARE: \$7.33 per hour

PENSION: \$5.51 per hour

ANNUITY: \$9.01 per hour

APPRENTICESHIP: \$.50

NEW YORK AREA Fringe Benefits:

AIR DIVES

060-74 FT. \$.25/ft./day from and over 60 ft.
75-125 FT. \$.78/ft./day from and over 75 ft.

MIXED GAS DIVES

75 ft - 125 ft. \$.78/ft./day
126 ft - 200 ft - \$1.60 per foot

AIR & MIXED GAS DIVES: Over 200 ft. - diver negotiated

HEALTH AND WELFARE: \$10.25 per hour

VACATION: \$6.66 per hour

PENSION: \$13.31 per hour

ANNUITY: \$7.10 per hour

APPRENTICESHIP: \$.70 per hour

SUPPLEMENTAL: \$.04 per hour

NORTHERN CALIFORNIA AREA Fringe Benefits:

DEPTH PAY:050 - 100 ft. - \$2.00/ft.

101 - 150 ft. - \$3.00

151 - 220 ft. - \$4.00

Over 221 ft. - \$5.00

TUNNEL OR PIPE PAY: (based on distance traveled from the entrance):

0 - 25 ft. - no charge

26 - 300 ft. - \$1.00/ft

Where diver is unable to stand erect in tunnel or pipe or when it is necessary for a diver to enter any pipe or tunnel or other enclosure over 300 feet from the entrance or less than 48" in height, the premium will be by mutual agreement between the diver, the Union, and the contractor, but never less than \$1.00 per foot.

\$1.00/ft

MANIFOLD OPERATOR: \$37.29

MIXED GAS MANIFOLD TECHNICIAN/DECOMPRESSION CHAMBER
OPERATOR: \$42.29

HEALTH AND WELFARE: \$8.55 per hour.

VACATION: \$4.86 per hour.

PENSION: \$5.05 per hour.

APPRENTICE TRAINING: \$.53 per hour

ANNUITY: \$4.00 per hour.

OREGON AREA Fringe Benefits:

DEPTH PAY:050 - 100 ft. - \$1.00/ft.

101 - 150 ft. - \$1.50/ft.

151 - 200 ft. - \$2.00/ft.

Over 200 ft. - Diver negotiated

TUNNEL PAY (tunnel, pipe, or other enclosure in which there is no vertical escape based on distance traveled from the entrance):

005 - 50 ft. - \$4.00/day
050 - 100 ft. - \$5.00/day
100 - 150 ft. - \$8.00/day
150 - 200 ft. - \$20.00/day
200 - 300 ft. - \$.40/ft.
300 - 450 ft. - \$.80/ft.
450 - 600 ft. - \$1.60/ft.
Over 600 ft. - Diver negotiated

HEALTH AND WELFARE: \$6.44 per hour.

PENSION: \$5.06 per hour.

APPRENTICE TRAINING: \$.72 per hour

DRUG TEST: \$.10 per hour.

SOUTHERN CALIFORNIA Fringe Benefits:

The listed wage rates are for depths up to and including 50 feet.

DEPTH PAY: 050 - 100 ft. - \$2.00/ft./day
101 - 150 ft. - \$3.00/ft./day
151 - 200 ft. - \$4.00/ft./day
221 - Deeper \$5.00

Manifold Operator - \$40.48
Gas Manifold Operator - \$45.48

TUNNEL OR PIPE PAY (based on distance traveled from the entrance):

0 - 25 ft. - No charge
25 - 300 ft. - \$1.00/foot
These premiums are per day midnight to midnight.

Where diver is unable to stand erect in tunnel or pipe:

When it is necessary for diver to enter any pipe or tunnel or other enclosure over 300 feet from entrance or less than 48" in height, the premium will be by mutual agreement between the diver, the union and the contractor, but never less than \$1.00 per foot.

HEALTH AND WELFARE: \$3.95 per hour.

VACATION: \$3.30 per hour.

PENSION: \$1.91 per hour.

APPRENTICE TRAINING: \$.42 per hour.

WASHINGTON AREA Fringe Benefits:

DEPTH PAY: 050 ft - 100 ft. - \$2.00/ft.

101 ft - 150 ft. - \$3.00/ft.
151 ft - 220 ft. - \$4.00/ft.
221 ft - 299 ft - \$5.00/ft.
Over 299 ft. - Diver negotiate

TUNNEL OR PIPE PAY (based on distance traveled from the entrance)
000 - 025 ft. - N/C
025 - 300 ft. - \$1.00/per feet
100 - 150 ft. - \$8.00/day
Over 300 ft. or less than 48' in height - Negotiate with Diver, but not less than 1.00 per foot per/day.

HEALTH AND WELFARE: \$6.68 per hour.

PENSION: \$4.25 an hour.

APPRENTICE TRAINING: \$.64 per hour.

SUBSTANCE ABUSE PROGRAM: \$0.064 per hour

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** NOTES APPLYING TO THIS WAGE DETERMINATION ****

Under the policy and guidance contained in All Agency Memorandum No. 159, the Wage and Hour Division does not recognize, for section 4(c) purposes, prospective wage rates and fringe benefit provisions that are effective only upon such contingencies as "approval of Wage and Hour, issuance of a wage determination, incorporation of the wage determination in the contract, adjusting the contract price, etc." (The relevant CBA section) in the collective bargaining agreement between (the parties) contains contingency

language that Wage and Hour does not recognize as reflecting "arm's length negotiation" under section 4(c) of the Act and 29 C.F.R. 5.11(a) of the regulations. This wage determination therefore reflects the actual CBA wage rates and fringe benefits paid under the predecessor contract.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at <http://www.dol.gov/esa/whd/> or through the Wage Determinations On-Line (WDOL) Web site at <http://wdol.gov/>.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE
{Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C) (vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b) (2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer,

or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

WD 15-5527 (Rev.-3) was first posted on www.wdol.gov on 08/08/2017

REGISTER OF WAGE DETERMINATIONS UNDER		U.S. DEPARTMENT OF LABOR
THE SERVICE CONTRACT ACT		EMPLOYMENT STANDARDS ADMINISTRATION
By direction of the Secretary of Labor		WAGE AND HOUR DIVISION
		WASHINGTON D.C. 20210
		Wage Determination No.: 2015-5527
Daniel W. Simms		Revision No.: 3
Director		Date Of Revision: 08/03/2017

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

State: Washington
 Area: Washington Counties of Benton, Franklin

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		15.99
01012 - Accounting Clerk II		17.96
01013 - Accounting Clerk III		20.09
01020 - Administrative Assistant		26.69
01035 - Court Reporter		18.59
01041 - Customer Service Representative I		12.80
01042 - Customer Service Representative II		14.40
01043 - Customer Service Representative III		15.71
01051 - Data Entry Operator I		16.19
01052 - Data Entry Operator II		17.67
01060 - Dispatcher, Motor Vehicle		18.77
01070 - Document Preparation Clerk		13.11
01090 - Duplicating Machine Operator		13.11
01111 - General Clerk I		13.42
01112 - General Clerk II		14.65
01113 - General Clerk III		16.45
01120 - Housing Referral Assistant		20.52
01141 - Messenger Courier		13.15
01191 - Order Clerk I		15.05
01192 - Order Clerk II		16.42
01261 - Personnel Assistant (Employment) I		17.21
01262 - Personnel Assistant (Employment) II		19.25
01263 - Personnel Assistant (Employment) III		21.47
01270 - Production Control Clerk		27.41

01290 - Rental Clerk	15.00
01300 - Scheduler, Maintenance	16.45
01311 - Secretary I	16.45
01312 - Secretary II	18.40
01313 - Secretary III	20.52
01320 - Service Order Dispatcher	18.84
01410 - Supply Technician	26.69
01420 - Survey Worker	18.07
01460 - Switchboard Operator/Receptionist	13.97
01531 - Travel Clerk I	14.84
01532 - Travel Clerk II	15.95
01533 - Travel Clerk III	17.09
01611 - Word Processor I	15.07
01612 - Word Processor II	16.91
01613 - Word Processor III	18.91
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	19.54
05010 - Automotive Electrician	19.58
05040 - Automotive Glass Installer	18.28
05070 - Automotive Worker	18.28
05110 - Mobile Equipment Servicer	15.82
05130 - Motor Equipment Metal Mechanic	20.88
05160 - Motor Equipment Metal Worker	18.28
05190 - Motor Vehicle Mechanic	20.88
05220 - Motor Vehicle Mechanic Helper	14.82
05250 - Motor Vehicle Upholstery Worker	16.99
05280 - Motor Vehicle Wrecker	18.28
05310 - Painter, Automotive	19.58
05340 - Radiator Repair Specialist	18.28
05370 - Tire Repairer	14.84
05400 - Transmission Repair Specialist	20.88
07000 - Food Preparation And Service Occupations	
07010 - Baker	17.23
07041 - Cook I	14.04
07042 - Cook II	16.38
07070 - Dishwasher	10.95
07130 - Food Service Worker	11.41
07210 - Meat Cutter	17.51
07260 - Waiter/Waitress	12.54
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	22.59
09040 - Furniture Handler	16.28
09080 - Furniture Refinisher	22.59
09090 - Furniture Refinisher Helper	19.57
09110 - Furniture Repairer, Minor	22.19
09130 - Upholsterer	22.59
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	11.95
11060 - Elevator Operator	14.47
11090 - Gardener	17.89
11122 - Housekeeping Aide	16.03
11150 - Janitor	16.03
11210 - Laborer, Grounds Maintenance	13.45
11240 - Maid or Houseman	11.20
11260 - Pruner	11.97
11270 - Tractor Operator	16.40
11330 - Trail Maintenance Worker	13.45

11360 - Window Cleaner	18.02
12000 - Health Occupations	
12010 - Ambulance Driver	20.36
12011 - Breath Alcohol Technician	20.83
12012 - Certified Occupational Therapist Assistant	28.78
12015 - Certified Physical Therapist Assistant	27.21
12020 - Dental Assistant	19.44
12025 - Dental Hygienist	44.23
12030 - EKG Technician	31.79
12035 - Electroneurodiagnostic Technologist	31.79
12040 - Emergency Medical Technician	20.36
12071 - Licensed Practical Nurse I	18.74
12072 - Licensed Practical Nurse II	20.97
12073 - Licensed Practical Nurse III	23.39
12100 - Medical Assistant	15.56
12130 - Medical Laboratory Technician	19.37
12160 - Medical Record Clerk	15.18
12190 - Medical Record Technician	16.98
12195 - Medical Transcriptionist	19.70
12210 - Nuclear Medicine Technologist	44.26
12221 - Nursing Assistant I	11.42
12222 - Nursing Assistant II	12.85
12223 - Nursing Assistant III	14.02
12224 - Nursing Assistant IV	15.74
12235 - Optical Dispenser	19.06
12236 - Optical Technician	18.87
12250 - Pharmacy Technician	18.83
12280 - Phlebotomist	15.35
12305 - Radiologic Technologist	28.93
12311 - Registered Nurse I	29.51
12312 - Registered Nurse II	36.10
12313 - Registered Nurse II, Specialist	36.10
12314 - Registered Nurse III	43.68
12315 - Registered Nurse III, Anesthetist	43.68
12316 - Registered Nurse IV	52.36
12317 - Scheduler (Drug and Alcohol Testing)	25.82
12320 - Substance Abuse Treatment Counselor	14.09
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	24.34
13012 - Exhibits Specialist II	30.14
13013 - Exhibits Specialist III	36.89
13041 - Illustrator I	24.34
13042 - Illustrator II	30.14
13043 - Illustrator III	36.89
13047 - Librarian	33.39
13050 - Library Aide/Clerk	16.65
13054 - Library Information Technology Systems Administrator	30.14
13058 - Library Technician	21.90
13061 - Media Specialist I	21.76
13062 - Media Specialist II	24.34
13063 - Media Specialist III	27.13
13071 - Photographer I	19.86
13072 - Photographer II	22.22
13073 - Photographer III	27.51
13074 - Photographer IV	33.65
13075 - Photographer V	40.72
13090 - Technical Order Library Clerk	17.04

13110 - Video Teleconference Technician	19.46
14000 - Information Technology Occupations	
14041 - Computer Operator I	19.45
14042 - Computer Operator II	21.76
14043 - Computer Operator III	24.28
14044 - Computer Operator IV	26.98
14045 - Computer Operator V	29.87
14071 - Computer Programmer I	(see 1) 22.85
14072 - Computer Programmer II	(see 1)
14073 - Computer Programmer III	(see 1)
14074 - Computer Programmer IV	(see 1)
14101 - Computer Systems Analyst I	(see 1)
14102 - Computer Systems Analyst II	(see 1)
14103 - Computer Systems Analyst III	(see 1)
14150 - Peripheral Equipment Operator	19.45
14160 - Personal Computer Support Technician	26.98
14170 - System Support Specialist	30.75
15000 - Instructional Occupations	
15010 - Aircrew Training Devices Instructor (Non-Rated)	30.62
15020 - Aircrew Training Devices Instructor (Rated)	37.04
15030 - Air Crew Training Devices Instructor (Pilot)	44.39
15050 - Computer Based Training Specialist / Instructor	30.62
15060 - Educational Technologist	37.11
15070 - Flight Instructor (Pilot)	44.39
15080 - Graphic Artist	23.41
15085 - Maintenance Test Pilot, Fixed, Jet/Prop	43.18
15086 - Maintenance Test Pilot, Rotary Wing	43.18
15088 - Non-Maintenance Test/Co-Pilot	43.18
15090 - Technical Instructor	32.14
15095 - Technical Instructor/Course Developer	39.33
15110 - Test Proctor	25.96
15120 - Tutor	25.96
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations	
16010 - Assembler	12.03
16030 - Counter Attendant	12.03
16040 - Dry Cleaner	13.76
16070 - Finisher, Flatwork, Machine	12.03
16090 - Presser, Hand	12.03
16110 - Presser, Machine, Drycleaning	12.03
16130 - Presser, Machine, Shirts	12.03
16160 - Presser, Machine, Wearing Apparel, Laundry	12.03
16190 - Sewing Machine Operator	14.71
16220 - Tailor	15.67
16250 - Washer, Machine	12.60
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	28.99
19040 - Tool And Die Maker	35.10
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	16.87
21030 - Material Coordinator	27.41
21040 - Material Expediter	27.41
21050 - Material Handling Laborer	14.11
21071 - Order Filler	13.22
21080 - Production Line Worker (Food Processing)	16.87
21110 - Shipping Packer	15.96
21130 - Shipping/Receiving Clerk	15.96
21140 - Store Worker I	11.73

21150 - Stock Clerk	16.73
21210 - Tools And Parts Attendant	16.87
21410 - Warehouse Specialist	16.87
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	31.20
23019 - Aircraft Logs and Records Technician	24.45
23021 - Aircraft Mechanic I	29.65
23022 - Aircraft Mechanic II	31.20
23023 - Aircraft Mechanic III	33.04
23040 - Aircraft Mechanic Helper	21.54
23050 - Aircraft, Painter	27.79
23060 - Aircraft Servicer	24.45
23070 - Aircraft Survival Flight Equipment Technician	27.79
23080 - Aircraft Worker	25.96
23091 - Aircrew Life Support Equipment (ALSE) Mechanic I	25.96
23092 - Aircrew Life Support Equipment (ALSE) Mechanic II	29.65
23110 - Appliance Mechanic	27.06
23120 - Bicycle Repairer	17.47
23125 - Cable Splicer	41.33
23130 - Carpenter, Maintenance	22.89
23140 - Carpet Layer	20.75
23160 - Electrician, Maintenance	36.41
23181 - Electronics Technician Maintenance I	31.72
23182 - Electronics Technician Maintenance II	33.98
23183 - Electronics Technician Maintenance III	36.25
23260 - Fabric Worker	24.44
23290 - Fire Alarm System Mechanic	30.04
23310 - Fire Extinguisher Repairer	22.54
23311 - Fuel Distribution System Mechanic	30.77
23312 - Fuel Distribution System Operator	23.10
23370 - General Maintenance Worker	20.78
23380 - Ground Support Equipment Mechanic	29.65
23381 - Ground Support Equipment Servicer	24.45
23382 - Ground Support Equipment Worker	25.96
23391 - Gunsmith I	22.54
23392 - Gunsmith II	26.30
23393 - Gunsmith III	30.04
23410 - Heating, Ventilation And Air-Conditioning Mechanic	26.10
23411 - Heating, Ventilation And Air Conditioning Mechanic (Research Facility)	27.47
23430 - Heavy Equipment Mechanic	25.42
23440 - Heavy Equipment Operator	25.98
23460 - Instrument Mechanic	32.20
23465 - Laboratory/Shelter Mechanic	28.18
23470 - Laborer	14.11
23510 - Locksmith	24.75
23530 - Machinery Maintenance Mechanic	25.56
23550 - Machinist, Maintenance	22.78
23580 - Maintenance Trades Helper	20.42
23591 - Metrology Technician I	32.20
23592 - Metrology Technician II	33.88
23593 - Metrology Technician III	35.88
23640 - Millwright	36.34
23710 - Office Appliance Repairer	22.32
23760 - Painter, Maintenance	19.88
23790 - Pipefitter, Maintenance	33.97
23810 - Plumber, Maintenance	31.85

23820 - Pseudraulic Systems Mechanic	30.04
23850 - Rigger	30.04
23870 - Scale Mechanic	26.30
23890 - Sheet-Metal Worker, Maintenance	30.57
23910 - Small Engine Mechanic	23.71
23931 - Telecommunications Mechanic I	25.66
23932 - Telecommunications Mechanic II	27.00
23950 - Telephone Lineman	28.96
23960 - Welder, Combination, Maintenance	24.94
23965 - Well Driller	30.04
23970 - Woodcraft Worker	30.04
23980 - Woodworker	22.54
24000 - Personal Needs Occupations	
24550 - Case Manager	16.26
24570 - Child Care Attendant	10.90
24580 - Child Care Center Clerk	13.63
24610 - Chore Aide	11.75
24620 - Family Readiness And Support Services Coordinator	16.26
24630 - Homemaker	16.26
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	33.04
25040 - Sewage Plant Operator	26.54
25070 - Stationary Engineer	33.04
25190 - Ventilation Equipment Tender	23.50
25210 - Water Treatment Plant Operator	26.54
27000 - Protective Service Occupations	
27004 - Alarm Monitor	26.63
27007 - Baggage Inspector	17.55
27008 - Corrections Officer	23.96
27010 - Court Security Officer	28.18
27030 - Detection Dog Handler	22.01
27040 - Detention Officer	23.96
27070 - Firefighter	28.33
27101 - Guard I	17.55
27102 - Guard II	22.01
27131 - Police Officer I	34.69
27132 - Police Officer II	38.52
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	15.64
28042 - Carnival Equipment Repairer	16.71
28043 - Carnival Worker	11.72
28210 - Gate Attendant/Gate Tender	14.07
28310 - Lifeguard	12.53
28350 - Park Attendant (Aide)	15.74
28510 - Recreation Aide/Health Facility Attendant	11.48
28515 - Recreation Specialist	19.49
28630 - Sports Official	12.53
28690 - Swimming Pool Operator	22.22
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	30.59
29020 - Hatch Tender	30.59
29030 - Line Handler	30.59
29041 - Stevedore I	28.40
29042 - Stevedore II	32.76
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	37.52
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	25.87

30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	28.49
30021 - Archeological Technician I	17.75
30022 - Archeological Technician II	20.27
30023 - Archeological Technician III	25.24
30030 - Cartographic Technician	25.48
30040 - Civil Engineering Technician	29.99
30051 - Cryogenic Technician I	26.50
30052 - Cryogenic Technician II	29.27
30061 - Drafter/CAD Operator I	17.75
30062 - Drafter/CAD Operator II	20.27
30063 - Drafter/CAD Operator III	22.61
30064 - Drafter/CAD Operator IV	27.25
30081 - Engineering Technician I	16.35
30082 - Engineering Technician II	18.35
30083 - Engineering Technician III	20.53
30084 - Engineering Technician IV	25.43
30085 - Engineering Technician V	31.11
30086 - Engineering Technician VI	38.46
30090 - Environmental Technician	25.24
30095 - Evidence Control Specialist	23.94
30210 - Laboratory Technician	28.92
30221 - Latent Fingerprint Technician I	26.50
30222 - Latent Fingerprint Technician II	29.27
30240 - Mathematical Technician	24.60
30361 - Paralegal/Legal Assistant I	17.77
30362 - Paralegal/Legal Assistant II	22.02
30363 - Paralegal/Legal Assistant III	26.94
30364 - Paralegal/Legal Assistant IV	32.59
30375 - Petroleum Supply Specialist	29.27
30390 - Photo-Optics Technician	24.60
30395 - Radiation Control Technician	29.27
30461 - Technical Writer I	25.56
30462 - Technical Writer II	31.27
30463 - Technical Writer III	37.84
30491 - Unexploded Ordnance (UXO) Technician I	23.85
30492 - Unexploded Ordnance (UXO) Technician II	28.85
30493 - Unexploded Ordnance (UXO) Technician III	34.58
30494 - Unexploded (UXO) Safety Escort	23.85
30495 - Unexploded (UXO) Sweep Personnel	23.85
30501 - Weather Forecaster I	26.50
30502 - Weather Forecaster II	32.24
30620 - Weather Observer, Combined Upper Air Or Surface Programs (see 2)	22.61
30621 - Weather Observer, Senior (see 2)	23.94
31000 - Transportation/Mobile Equipment Operation Occupations	
31010 - Airplane Pilot	28.85
31020 - Bus Aide	13.83
31030 - Bus Driver	20.32
31043 - Driver Courier	13.77
31260 - Parking and Lot Attendant	12.51
31290 - Shuttle Bus Driver	15.02
31310 - Taxi Driver	13.07
31361 - Truckdriver, Light	15.02
31362 - Truckdriver, Medium	16.28
31363 - Truckdriver, Heavy	23.12
31364 - Truckdriver, Tractor-Trailer	23.12
99000 - Miscellaneous Occupations	

99020 - Cabin Safety Specialist	14.07
99030 - Cashier	11.37
99050 - Desk Clerk	10.92
99095 - Embalmer	24.57
99130 - Flight Follower	23.85
99251 - Laboratory Animal Caretaker I	12.19
99252 - Laboratory Animal Caretaker II	13.28
99260 - Marketing Analyst	25.70
99310 - Mortician	24.57
99410 - Pest Controller	21.74
99510 - Photofinishing Worker	12.53
99710 - Recycling Laborer	19.64
99711 - Recycling Specialist	23.98
99730 - Refuse Collector	17.53
99810 - Sales Clerk	12.30
99820 - School Crossing Guard	14.43
99830 - Survey Party Chief	26.85
99831 - Surveying Aide	16.88
99832 - Surveying Technician	23.09
99840 - Vending Machine Attendant	18.38
99841 - Vending Machine Repairer	23.39
99842 - Vending Machine Repairer Helper	18.38

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors, applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is the victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$4.41 per hour or \$176.40 per week or \$764.40 per month

HEALTH & WELFARE EO 13706: \$4.13 per hour, or \$165.20 per week, or \$715.87 per month

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, 4 weeks after 10 years, and 5 weeks after 20 years.

Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence

Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than \$27.63 (or on a salary or fee basis at a rate not less than \$455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds \$27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

- (1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;
- (2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;
- (3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or
- (4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

** HAZARDOUS PAY DIFFERENTIAL **

An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes

work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving re-grading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

** SERVICE CONTRACT ACT DIRECTORY OF OCCUPATIONS **

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition (Revision 1), dated September 2015, unless otherwise indicated.

** REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE,
Standard Form 1444 (SF-1444) **

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination (See 29 CFR 4.6(b)(2)(i)). Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees (See 29 CFR 4.6(b)(2)(ii)). The Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits which shall be paid to all employees performing in the classification from the first day of work on which contract work is performed by them in the classification. Failure to pay such unlisted employees the compensation agreed upon by the interested parties and/or fully determined by the Wage and Hour Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract. (See 29 CFR 4.6(b)(2)(v)). When multiple wage determinations are included in a contract, a separate SF-1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order the proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the U.S. Department of Labor, Wage and Hour Division, for review (See 29 CFR 4.6(b)(2)(ii)).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour Division's decision to the contractor.
- 6) Each affected employee shall be furnished by the contractor with a written copy of such determination or it shall be posted as a part of the wage determination (See 29 CFR 4.6(b)(2)(iii)).

Information required by the Regulations must be submitted on SF-1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" should be used to compare job definitions to ensure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination (See 29 CFR 4.152(c)(1)).

J.10-2 DAVIS BACON ACT: GENERAL DECISION

In accordance with Contract Clause I.36 (FAR 52.222-6) the applicable General Decisions may be found in the matrix below:

Table J.10-2, Applicable General Decisions			
Wage Determination	Date Incorporated Into Contract	Modification Number	PDF Location
WA170002 11/17/2017 WA2	11/28/2017	647	WDOL.gov
WA170002 02/10/2017 WA2	03/16/2017	578	WDOL.gov
WA160002 03/06/2015 WA02	01/19/2016	502	WDOL.gov
WA150002 03/06/2015 WA02	6/15/2015	464	WDOL.gov
WA140002 01/02/2014 WA2	02/14/2014	352	WDOL.gov
WA130002 01/04/2013 WA2	01/29/2013	249	WDOL.Gov
WA100009 10/28/2011 WA9	04/03/2012	190	WDOL.gov

General Decision Number: WA170002 11/17/2017 WA2

Superseded General Decision Number: WA20160002

State: Washington

Construction Types: Building, Heavy and Highway

Counties: Benton and Franklin Counties in Washington.
 (D.O.E. HANFORD SITE ONLY)

BENTON AND FRANKLIN COUNTIES (D.O.E. HANFORD SITE ONLY)
 BUILDING (does not include residential construction consisting of single family homes and apartments up to and including 4 stories), HEAVY and HIGHWAY CONSTRUCTION

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination

at least \$10.20 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/06/2017
1	02/10/2017
2	03/31/2017
3	08/25/2017
4	09/22/2017
5	11/17/2017

* SUWA2001-001 09/03/2001

(D.O.E. HANFORD SITE ONLY)

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR	\$ 35.42	19.77
BOILERMAKER	\$ 36.44	28.41
BRICKLAYER	\$ 30.81	16.83
CARPENTER		
Carpenters	\$ 32.32	16.14
Divers	\$ 37.58	16.14
Millwright & Machine erector	\$ 43.42	18.44
Piledriver	\$ 33.41	16.14
Tenders	\$ 36.58	16.14
CEMENT MASON/CONCRETE FINISHER		
GROUP 1	\$ 28.23	13.77
GROUP 2	\$ 28.85	13.77
GROUP 3	\$ 29.36	13.77
DRYWALL FINISHER/TAPER	\$ 26.26	12.42
ELECTRICIAN		
Cable Splicers	\$ 42.95	3%+18.83
Electricians	\$ 40.90	3%+18.83
IRONWORKER	\$ 32.64	26.56
LABORER		
GROUP 1	\$ 26.01	12.55
GROUP 2	\$ 26.28	12.55
GROUP 3	\$ 26.55	12.55
GROUP 4	\$ 26.83	12.55
GROUP 5 (RATES PER SHIFT)		
Sandhogs-[(1-14 LBS) , (6 HRS)]	\$ 222.00	12.55
Sandhogs-[(14-18 LBS) , (6 HRS)]	\$ 226.93	12.55
Sandhogs-[(18-22 LBS) , (6 HRS)]	\$ 249.07	12.55
Sandhogs-[(18-25 LBS) , (4 HRS)]	\$ 227.21	12.55
Sandhogs-[(22-26 LBS) , (4 HRS)]	\$ 231.53	12.55

Sandhogs-[(26-32 LBS) , (4 HRS)]	\$ 234.15	12.55
Sandhogs-[(32-38 LBS) , (3 HRS)]	\$ 237.11	12.55
Sandhogs-[(38-44 LBS) , (2 HRS)]	\$ 237.52	12.55
GROUP 5		
Outside Lock and Gauge Tender	\$ 214.64	12.55
GROUP 6	\$ 26.73	12.55
GROUP 7	\$ 27.20	12.55
GROUP 8	\$ 28.20	12.55
GROUP 9	\$ 28.54	12.55
PAINTER (Soft Floor Covers, Glaziers, Spray Painters, Steel Painters, Steam Clean and Acid Etching, Sign Writers)	\$ 26.29	11.00
PLUMBER/PIPEFITTER	\$ 41.24	28.69
POWER EQUIPMENT OPERATOR		
GROUP 1	\$ 27.11	15.15
GROUP 2	\$ 27.43	15.15
GROUP 3	\$ 28.04	15.15
GROUP 4	\$ 28.36	15.15
GROUP 5	\$ 28.64	15.15
GROUP 6	\$ 28.91	15.15
GROUP 7	\$ 30.01	15.15
GROUP 8	\$ 31.35	15.15
ROOFER (Including Waterproofofer and Kettleman)	\$ 26.60	12.28
SHEET METAL WORKER	\$ 34.75	20.85
SPRINKLER FITTER	\$ 33.20	22.21
TRUCK DRIVER		
GROUP 1	\$ 23.96	17.92
GROUP 2	\$ 26.60	17.92
GROUP 3	\$ 26.71	17.92
GROUP 4	\$ 27.04	17.92
GROUP 5	\$ 27.15	17.92
GROUP 6	\$ 27.15	17.92
GROUP 7	\$ 27.69	17.92
GROUP 8	\$ 28.01	17.92

CEMENT MASON CLASSIFICATIONS

GROUP 1: Rodding, tamping, floating, troweling, patching, stoning, rubbing, sack rubbing; All exposed aggregate finishing and sealing. All architectural finishing, staining, stamping and coloring, washing and power washing of concrete, polymer, latex and composite materials; Setting of screeds, screeds forms, curb and gutter and sidewalk forms; Preparation of all concrete for caulking of the joints and the caulking of expansion joints; Preparation of concrete for the application of hardners, sealers and curing compounds and their application; Grouting and dry packing of machine base; Removal of snap ties and she bolts prior to patching of concrete

GROUP 2: Power troweling machine operator; Troweling of magnesite, torganal or material with epoxy bases of oxichloride base; All power grinders, bushing hammer, chipping gun; Gunite Nozzleman. All sandblasting for architectural

finishes, patch preparation and exposing of aggregate for finish; Concrete sawing and cutting for concrete and expansion joints and scoring for decorative patterns; Operating of Clary-type floats, Longitudinal Floats, Rodding Machines and Belting Machines; Scarifiers; Working on scaffolds

GROUP 3: Grinding, bushing or chipping of toxic materials or high density concrete; Operating of power tools on a scaffold

LABORER CLASSIFICATIONS

GROUP 1: Flagman, Landscape Laborer, Scalemán, Traffic Control Supervisor, Asbestos Abatement Worker, Brick Pavers (to include the installation of brick or grass pavers for sidewalks, driveways, streets and parking lots), Brush Hog Feeder; Carpenter Tender; Cement Handler; Concrete Signalman; Concrete Crewman (to include Stripping of forms, hand operating jacks on slip form construction, application of concrete curing compounds, pumpcrete machine, signaling, handling the nozzle of squeezecrete or similar machine- 6 inches and smaller); Confined Space Attendant, Crusher Feeder; Demolition (to include clean-up, burning, loading, wrecking and salvage of all material); Dry Stack Walls (including all dry stack walls, including keystone walls and others using blocks and interlocking pegs.), Dumpman; Traffic Control Laborer (To include but is not limited to, erection and maintenance of barricades, signs and relief of flag person.), Window Washer/Cleaner, Pilot Car, Hazardous Waste Worker, Erosion Control Laborer, Fence Erector, Guard Rail (to include Guard Rail, guide and reference posts, sign posts, and right-of-way markers); Firewatch. Form cleaning machine feeder; Stacker; General Laborer; Group Machine Header Tender; Miner, Class "A" (to include bull gang, concrete crewman, dumpman and pumpcrete crewman, including distributing pipe, assembly and dismantle, and nipper); Lead Abatement Worker, Mold Abatement Worker, Nipper; Riprap Man; Sandblast Tailhoseman, Scaffold Erector (wood or steel); Stake Jumper; Structural Mover (to include separating foundation, preparation, cribbing, shoring, jacking and unloading of structures); Tailhoseman (water nozzle); Timber Bucker and Faller (by hand); Track Laborer (RR); Truck Loader; Wellpoint Man; (HDPE or similar liner installer).

GROUP 2: Asphalt Roller, walking; Cement Finisher Tender; Concrete Saw, walking; Demolition Torch; Dope Pot Fireman, non-mechanical; Driller Tender (when required to move and position machine); Form Setter, paving; Jackhammer Operator; Miner, Class "B" (to include brakeman, finisher, vibrator, and form setter); Nozzleman (to include squeeze and flow-crete nozzle); Nozzleman, water, (to include fire hose), air or steam; Pavement Breaker (under 90 lbs); Pipelayer, corrugated metal and multi-plate; Pot Tender; Power Buggy Operator; Power Tool Operator, gas, electrical, pneumatic; Rodder and Spreader; Trencher, Shawnee; Tugger Operator; Wagon Drills; Wheelbarrow, power driven; Water Pipe Liner, Rigger/Signalperson, Remote Equipment Operator (i.e., compaction and demolition) Compaction Equipment (to include all hand operated power compaction equipment); Railroad Power Spiker or Puller, dual mobile; Railroad Equipment, power driven, except dual mobile power spiker or puller.

GROUP 3: Air and Hydraulic Track Drill, Asphalt Raker, Brush Machine (to include Horizontal construction joint clean-up brush machine, power propelled); Caisson Worker, free air; Chain Saw Operator and Faller; Concrete Stack (to include Laborers when working on free standing concrete stacks for smoke or fume control above 40 ft high); Gunnite (to include operation of machine and nozzle); High Scaler; Miner, Class "C" (to include miner, nozzleman for concrete, laser beam operator, and Rigger on tunnels); Monitor

Operator (air track or similar mounting); Mortar Mixer; Nozzleman (to include jet blasting nozzleman, over 1200 lbs., jet blast machine, power propelled, sandblast nozzle, Squeeze and Flo-crete nozzle); Pavement Breaker, 90 lbs. & over; Pipelayer (to include working topman, caulker, collarman, jointer, mortarman, rigger, jacker, shorer, valve or meter installer, temper, (Including pressurized and non-pressurized ductile pipe, gravity pipe and HDPE (fused and non-fused); Pipewrapper; Plasterer Tender, Trenchless Technology, Vibrators (all); Laser Beam Operator (Elevation Control; Technician)

GROUP 4: Drills with dual masts, Miner, Class "D" (to include Raise and Shaft Miner, Laser Beam Operator on raises and shafts.) Welder, electric, manual or automatic, Remote Equipment Operator (to include HDPE or similar pipe and liner)

GROUP 5: Sandhogs under compressed air (rates increases are computed by multiplying the increase x 8 hr shift and add total to the previous rate)

GROUP 6: Construction Specialist

GROUP 7: Hod Carrier

GROUP 8: Powderman

GROUP 9: Grade Checker

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Bit Grinders; Bolt Threading Machine; Compressors (under 2000 CFM, gas, diesel or electric power); Crusher Feeder (mechanical); Deck Hand; Drillers Tender; Fireman and Heater Tender; Grade Checker; Tender Mechanic, Welder H.D.; Hydro- seeder, Mulcher, Nozzleman; Oiler; Oiler and Cable Tender, Mucking Machine; Pumpman; Rollers, all types on subgrade (farm type, Case, John Deere and similar, or Compacting Vibrator), except when pulled by Dozer with operable blade; Steam Cleaner; Welding Machine

GROUP 2: A-Frame Truck (single drum); Assistant Refrigeration Plant (under 1000 ton); Assistant Plant Operator, Fireman or Pugmixer (asphalt); Bagley or Stationary Scraper; Belt Finishing Machine; Blower Operator (cement); Cement Hog; Compressor (2000 CFM or over, 2 or more, gas, diesel or electric power); Concrete Saw (multiple cut); Distributor Leverman; Ditch Witch or similar; Elevator, hoisting materials; Dope Pots (power agitated); Fork Lift or Lumber Stacker, Hydra-lift and similar; Gin Trucks (pipeline); Hoist, single drum; Loaders (bucket, elevators and conveyors); Longitudinal Float; Mixer (portable - concrete); Pavement Breaker, Hydra-hammer and similar; Power Broom; Spray Curing Machine (concrete); Spreader Box (self-propelled); Straddle Buggy (Ross and similar on construction job only); Tractor (Farm type R/T with attachments, except Backhoe); Tugger Operator

GROUP 3: A-Frame Truck (2 or more drums); Assistant Refrigeration Plant and Chiller Operator (over 1000 ton); Backfillers (Cleveland and similar); Batch Plant and Wet Mix Operator single unit (concrete); Belt-crete Conveyors with power pack or similar; Belt Loader (Kocal or similar); Bend Machine; Bob Cat; Boring Machine (earth); Boring Machine (rock under 8 inch bit) (Quarry Master, Joy or similar); Bump Cutter (Wayne, Saginaw or similar); Canal Lining Machine (concrete) Chipper (without crane), Cleaning and Doping Machine (pipeline); Curb Extruder (Asphalt and Concrete); Deck Engineer;

Elevating Belt-type Loader (Euclid, Barber Green and similar); Elevating Grader-type Loader (Dumor, Adams or similar); Generator Plant Engineers (diesel, electric); Gunitite Combination Mixer and Compressor; Locomotive Engineer; Mixermobile; Posthole Auger or Punch; Pump (grout or jet); Soil Stabilizer (P & H or similar); Spreader Machine; Surface Heater and Planer Machine; Tractor (to D-6 or equivalent) and Traxacavator; Traverse Finish Machine; Turnhead Operator

GROUP 4: Blade Operator (motor patrol and attachments); Concrete Pumps (squeeze-crete, flow-crete, pump-crete, Whitman and similar); Drilling Equipment (8 inch bit and over) (Robbins, reverse circulation and similar); Drills (Churn, Core, Calyx, or Diamond); Equipment Serviceman, Greaser and Oiler; Hoe Ram; Hoist (2 or more drums or Tower Hoist); Loaders (overhead and front-end, under 4 yards R/T); Paving (Dual Drum) Rubber Tire; Refrigeration Plant Engineers (under 1000 ton); Signaller (Whileys, Highline, Hammerheads or similar); Skidders (R/T with or without attachments); Screed Operator; Trenching Machines (under 7 ft depth capacity); Vacuum Drill (reverse circulation drill under 8 inch bit)

GROUP 5: Automatic Subgrader (Ditches and Trimmers) (Autograde, ABC, R.A. Hansen and similar on grade wire); Backhoe (under 1 yd); Batch Plant (over 4 units); Batch and Wet Mix Operator (multiple units, 2 and including 4); Boat Operator; Cableway Controller (dispatcher); Concrete Pump Boom Truck; Conveyor Aggregate Placement Equipment; Cranes (25 tons and under); Derricks and Stifflegs (under 65 tons); Drill Doctor; Multiple Dozer Units with single blade; Paving Machine (asphalt and concrete); Piledriving Engineers; Roller (finishing pavement); Trenching Machines (7 ft depth and over)

GROUP 6: Asphalt Plant Operator (Backhoes (1 yd to 3 yds); Blade (finish and bluetop) Automatic, CMI, ABC and similar when used as automatic; Boom Cats (side); Cableway Operators; Clamshell Operators (under 3 yds); Concrete Slip Form Paver; Cranes (over 25 tons, including 45 tons); Crusher, Grizzle and Screening Plant Operator; Draglines (under 3 yds); Elevating Belt (holland type); Gradall (1 yd to 3 yds); Loader Operator (front-end and overhead, 4 yards, including 8 yds); Mucking Machine; Quadtrack or similar equipment; Rubber-tired Scrapers; Shovels (under 3 yds); Tractors (D-6 and equivalent and over); Vactor Guzzler, Super Sucker; Concrete Cleaning/Decontamination Machine; Ultra High Pressure Waterjet Cutting Tool System (30,000 psi)

GROUP 7: Backhoes (3 yds and over); Cranes (All Cranes over 45 tons, including 100 tons) Climbing, Rail and Tower Cranes up to including 45 tons; Clamshell Operator (3 yds. and over); Derricks and Stifflegs (65 tons and over); Draglines (3 yds and over); Lead Water Well Driller; Loader (360 degrees revolving Koehring Scooper or similar); Loaders (overhead and front-end, over 8 yds); Shovels (3 yds and over); Whirleys and Hammerheads, all; Vacuum lasting Machine Operator; HD Mechanic/welder

GROUP 8: Cranes (all cranes over 100 tons); Climbing, Rail and Tower Cranes over 45 tons

ALL CRANE BOOMS, INCLUDING TOWER CRANES:

Measure from center of rotation to center of shaft (radius): 130 ft TO 200 ft .50 hr. additional to classification Over 200 ft .80 hr. additional to classification

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Escort Driver or Pilot Car tender and swamper, Pickup Hauling Employees or Materials

GROUP 2: Flat Bed Truck, single rear axle; Fork Lift, 3000 lbs and under; Leverperson Loading Trucks at Bunkers; Seeder and Mulcher; Stationary Fuel Operator; Team Driver; Tractor (small rubber tired, pulling trailer or similar equipment); Trailer Mounted hydro Seeder and Mulcher; Water Tank Truck, up to 1800 gallons

GROUP 3: Bus Driver or Employee Haul Driver; Flat Bed Truck, dual rear axle; Power Boat hauling employees or material

GROUP 4: Buggy Mobile and similar; Bulk Cement Tanks and Spreader; Power Operated Sweeper; Straddle Carrier (Ross, Hyster and similar); Water Tank Truck, 1801-4000 gallons

GROUP 5: Auto Crane, 2000 lbs capacity; Dumptor (6 yds and under); Flat Bed Truck (with hydraulic system); Fork Lift (3001-16,000 lbs); Fuel Truck Driver, steam cleaner and washer; Rubber-tired Tunnel Jumbo; Scissors Truck; Slurry Truck Driver; Transite Mixers & mixers hauling concrete 3 yd to and including 6 yd.; Wrecker and Tow Trucks

GROUP 6: A-Frame; Service Greaser; Tireperson; Truck, side, end, and bottom & articulated end dump (up to and including 12 yds); Water Tank Truck, 4001 to 8000 gallons, Warehouseperson, to include shipping and receiving

GROUP 7: Dumps, semi-end; Flagerty Spreader Box Driver; Flowboys; Fork lift, 16,000 lbs and over; Lowboy, 50 tons and under; Mechanic, Field; Oil Distributors Driver (road, bootperson, leverperson); and Oil Tank Driver; Self-Loading Roll Off and Dumpster over 6 yds; Stringer Truck (cable operated trailer); Tractor with Steer Trailer; Transfer Truck & Trailer; Transit Mixers & Truck Hauling Concrete: over 6 yards to and including 20 yards; Truck & Pup; Trucks, side, end, bottom, & articulated end dump: over 12 yards to and including 100 yards; Truck Mounted Crane (with load-bearing surface, either mounted or pulled) up to 14 tons; Turnarocker, DWs & similar, with 2 or or more 4 wheel-power tractor with trailer, gallonage or yardage scale, whichever is greater; Vacuum truck (super sucker, guzzler, etc.); Water Tank Truck, 8,001 to 14,000; Semi-truck and Trailer, 50 tons and under Lowboy

GROUP 8: Lowboy, over 50 tons; Prime movers & stinger truck; Transit Mixers and truck hauling concrete, over 20 yards; Trucks, side, end bottom and articulated end dump, over 100 yards.

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.
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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs,

including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

J.10-3 COLLECTIVE BARGAINING ACT: WAGE DETERMINATION

In accordance with Contract Clauses H.6 (Labor Relations) and H.7 (Collective Bargaining Agreements) the applicable Wage Determinations may be found in the matrix below:

Table J.10-3, Applicable Wage Determinations			
Wage Determination	Date Incorporated Into Contract	Modification Number	PDF Location
CBA-2014-6486 (Rev 1)	03/16/2017	578	WDOL
CBA-2014-6486	02/20/2014	352	Hanford.gov
CBA-2014-6487	02/20/2014	352	WDOL
2009-0096 (Rev 2)	06/04/2010	0045	Hanford.gov
2009-0096 (Rev 1)	06/04/2010	0045	Hanford.gov
CBA-2007-1164 (Rev 0)	Award	000	WDOL.gov

REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor Diane Koplewski Director	Division of Wage Determinations	U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON, D.C. 20210 Wage Determination No.: CBA-2014-6486 Revision No.: 1 Date Of Last Revision: 2/21/2017
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State: Washington

Area: Benton

Employed on Department of Energy, Richland Operations Office contract for direct support infrastructure and site services integral and necessary to accomplish the Hanford Site environmental cleanup mission.

Collective Bargaining Agreement between contractor: Mission Support Alliance, LLC, and union: Hanford Guards Union, effective 11/1/2015 through 11/1/2020.

In accordance with Section 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor		U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON, D.C. 20210
Diane Koplewski	Division of	Wage Determination No.: CBA-2014-6487
Director	Wage Determinations	Revision No.: 0
		Date Of Last Revision: 2/19/2014

State: Washington
Area: Benton

Employed on Department of Energy, Richland Operations Office contract for direct support infrastructure and site services integral and necessary to accomplish the Hanford Site environmental cleanup mission..

Collective Bargaining Agreement between contractor: Mission Support Alliance, LLC, and union: Hanford Atomic Metals Trade Council (HAMTC), effective 11/11/2013 through 11/10/2018.

In accordance with Section 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).